

20031030.qrp v03_n089.qrl.20031030

Date: Thu, 30 Oct 2003 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3089

QRP-L Digest 3089

Topics covered in this issue include:

- 1) [160305] Today's NOAA RSGA Report explained
by Paul Harden <pharden@revere.aoc.nrao.edu>
- 2) [160306] Storm/Aurora still in progress
by Paul Harden <pharden@revere.aoc.nrao.edu>
- 3) [160307] Re: Fwd: WWV-Message
by John Westerlage <n5dwi@juno.com>
- 4) [160308] Re: Another big flare in progress (X10?)
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 5) [160309] Re: Fwd: WWV-Message
by "Emmersom Bigguns" <n8ie@woh.rr.com>
- 6) [160310] Fwd: 14th OQRPC: Where They Came From
by dl6aaf@t-online.de
- 7) [160311] Re: Another big flare in progress (X10?)
by "sjolin" <sjolin@swbell.net>
- 8) [160312] Re: Fwd: WWV-Message
by "Frank Emens" <femens@hiwaay.net>
- 9) [160313] Re: Fwd: WWV-Message
by "sjolin" <sjolin@swbell.net>
- 10) [160314] Re: FS: New SW-40+ kit
by Barry N1EU <n1eu@yahoo.com>
- 11) [160315] flare effects on HF
by Mikael Czerski <arcticfox@midgardsormen.net>
- 12) [160316] Power Calculations
by K4BYF@aol.com
- 13) [160317] Re: Soldering Coax fittings question
by "George, W5YR" <w5yr@att.net>
- 14) [160318] Re: SMK-1 smoke
by Kenneth Laine Ketner <ketner@arisbeassociates.com>
- 15) [160319] No NEQRP CW net this week
by Chuck Ludinsky <cjl@mitre.org>
- 16) [160320] Re: Storm/Aurora still in progress
by "Ron Pyle" <raple@gwtc.net>
- 17) [160321] Re: Fwd: WWV-Message
by David Hinerman <WD8CIV@worldnet.att.net>
- 18) [160322] Re: Storm/Aurora still in progress
by "John A. Evans - N0HJ" <jaevans@codenet.net>
- 19) [160323] PIC-Nick: Pre-talking the PIC pack

- by "Nick Kennedy" <nkennedy@tcainternet.com>
- 20) [160324] FOX Logs 10-29-2003Z
by Wayne Rogers <w5kdj@juno.com>
- 21) [160325] Re: PIC-Nick: Pre-talking the PIC pack
by "John J. McDonough" <wb8rcr@arrl.net>
- 22) [160326] [CONTEST] N2CQ QRP Contest Calendar Nov 2003
by "Ken Newman" <n2cq@dandy.net>
- 23) [160327] Aurora
by "Larry Head" <rl.head@sympatico.ca>
- 24) [160328] Bright Visible Aurora in WNY
by "W. Keith Hibbert" <wkhibbert@frontiernet.net>
- 25) [160329] W5KDJ FOX Log
by Wayne_W5KDJ <w5kdj@juno.com>
- 26) [160330] Re: Soldering Coax fittings question
by "Mike Yetsko" <myetsko@insydesw.com>
- 27) [160331] W5KDJ LOG PROBLEMS
by Wayne_W5KDJ <w5kdj@juno.com>
- 28) [160332] Team Air Pork: Report on first hunt.
by k9di@k9di.org
- 29) [160333] Great first FOX evening!
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 30) [160334] RE: did the flare flare?
by "Sverre Holm" <la3za@qsl.net>
- 31) [160335] Re: Power Calculations
by w9ya <w9ya@arrl.net>
- 32) [160336] Fox: What happened to the TX/NY duct last night?
by tjennin2@rochester.rr.com
- 33) [160337] Re: Fox: What happened to the TX/NY duct last night?
by Peter Burbank <peterlee@qx.net>
- 34) [160338] Re: did the flare flare?
by Tom Severt <n2uhc@yahoo.com>
- 35) [160339] Re: W5KDJ FOX Log
by "George, W5YR" <w5yr@att.net>
- 36) [160340] Re: W5KDJ LOG PROBLEMS
by "George, W5YR" <w5yr@att.net>
- 37) [160341] November Spartan Sprint Announcement
by "John Huffman" <hjohnc@core.com>
- 38) [160342] Iowa QRP Club CW Net
by Mark Milburn <mark.milburn@ispwest.com>
- 39) [160343] Re: PIC-Nick: Pre-talking the PIC pack
by "Sergio T. Ruiz" <sergio@philway.com>
- 40) [160344] Re: W5KDJ LOG PROBLEMS
by Karl Larsen <k5di@zianet.com>
- 41) [160345] To beat or not to zero beat . . .
by John Farnsworth <jfarnsworth@direcway.com>
- 42) [160346] used ham equipment prices
by JClinton46@aol.com
- 43) [160347] Parts for sale

by "Brian Murrey" <brian@iquest.net>
44) [160348] Reminder QRPacificon Compendium Ordering Deadline Approaching
by "Doug Hendricks" <ki6ds@dpol.net>
45) [160349] Re: To beat or not to zero beat . . .
by "Mike WA8BXN" <hubby2k@hotmail.com>
46) [160350] Hello all - back on the list after a long absence.
by KJ7UN <kj7un@kj7un.com>
47) [160351] FOX log corrections W0UFO
by "Merton Nellis" <mertnellis@msn.com>
48) [160352] Re: used ham equipment prices
by "Tony Martin W4FOA" <w4foa@comcast.net>
49) [160353] CME from the X10 hit at 1700 utc today.
by "sjolin" <sjolin@swbell.net>
50) [160354] IC 2800
by "John Paul Keon" <jpkeon@nc.rr.com>
51) [160355] RE: used ham equipment prices
by Adam Farson <farson@shaw.ca>
52) [160356] OT- Linux OS
by kwike@gdls.com
53) [160357] Not seeing post
by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
54) [160358] Announcing the Great Alaska Ptarmigan (GAP) Hunt
by <jimlarsen2002@alaska.net>
55) [160359] Re: PIC-Nick: Pre-talking the PIC pack
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
56) [160360] Re: Hello all - back on the list after a long absence.
by w5xe@juno.com
57) [160361] DC-DC 12v converters (and the EPS-1)?
by ARDUJENSKI@aol.com
58) [160362] WANTED TO BUY
by Earl Murphy <VA6RF@telus.net>
59) [160363] Re: CME from the X10 hit at 1700 utc today.
by Bob Nielsen <nielsen@oz.net>
60) [160364] Free PC Bd Software
by "W. K. Harding" <k4ahk@ix.netcom.com>
61) [160365] Re: W5KDJ LOG PROBLEMS
by "Ron Pyle" <raple@gwrtc.net>
62) [160366] Bands
by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
63) [160367] Re: Reminder QRPacificon Compendium Ordering Deadline Approaching
by <igeq100@iupui.edu>
64) [160368] Re: W5KDJ LOG PROBLEMS
by Karl Larsen <k5di@zianet.com>
65) [160369] Re: OT- Linux OS
by w9ya <w9ya@arrl.net>
66) [160370] WY to be rare this year
by Chuck Adams <k7qo@commspeed.net>
67) [160371] Old Meters

by "Fred \((VE3FAL\)" <flesnick@tbaytel.net>
68) [160372] FS: Icom IC-703 New in Box
by "Jeff Imel" <jeffimel@hotmail.com>
69) [160373] Re: Bands
by "Pastor-kc1di" <elbc2@gwi.net>
70) [160374] morse code tutor..
by "Sergio T. Ruiz" <sergio@philway.com>
71) [160375] Re: To beat or not to zero beat . . .
by Steven Weber <kd1jv@moose.ncia.net>
72) [160376] K0KP beacon 6 meters
by "Fred \((VE3FAL\)" <flesnick@tbaytel.net>
73) [160377] RE: To beat or not to zero beat . . .
by "Lyle Johnson" <wa7gxd@fidalgo.net>
74) [160378] My radios broken!
by Steven Weber <kd1jv@moose.ncia.net>
75) [160379] 6 mtr aurora conditions last night..my first qso au
by ve3ab@mail.mondenet.com
76) [160380] RE: To beat or not to zero beat . . .
by Bob KB2FEL <kb2fel@yahoo.com>
77) [160381] Re: W5KDJ LOG PROBLEMS
by "Ron Pyle" <raple@gwtc.net>
78) [160382] Re: To beat or not to zero beat . . .
by David Hinerman <WD8CIV@worldnet.att.net>
79) [160383] Re: morse code tutor..
by "Ron Pyle" <raple@gwtc.net>
80) [160384] Re: My radios broken!
by Christopher Kovacs <ckovacs@mn.rr.com>
81) [160385] Re: My radios broken!
by Lee Mairs <lmairs@direcway.com>
82) [160386] Sound of Solar Storm
by Howard W7ILW <howardw7ilw@earthlink.net>

Date: Wed, 29 Oct 2003 16:40:13 -0700 (MST)
From: Paul Harden <pharden@revere.aoc.nrao.edu>
To: qrp-l@lehigh.edu
Subject: [160305] Todays NOAA RSGA Report explained
Message-ID: <Pine.SOL.3.91.1031029155720.16292B-100000@paso>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Oct 2003, Paul Harden wrote:

> Joint USAF/NOAA Report of Solar and Geophysical Activity
> SDF Number 302 Issued at 2200Z on 29 Oct 2003

> IA. Analysis of Solar Active Regions and Activity from 28/2100Z
> to 29/2100Z: Solar activity was high. Region 486 (S17W09) has
> produced another major flare, an X10 flare at 29/2049Z. This very
> large flare was still in progress at the end of the period.

An X10 is a huge VERY MAJOR FLARE. Region 486, where the flare occurred, is in the center of the sun. A flare that WILL impact earth is called GEOEFFECTIVE. This flare is highly geoeffective, and thus WILL impact earth.

When? NOAA has not yet released it's shockwave and Type II sweep data. I'll post later when it becomes available. Likely, it will be a fast mover as well, but probably not at 2000 km/sec like the last one.

> Associated activity and the potential impact of this flare will be
> assessed during the next period.

> Region 486 also produced an M3 at 29/0511Z. This region with 2600
> millionths of white light areal coverage IS NOW THE LARGEST SUNSPOT
> GROUP OF SOLAR CYCLE 23. [CAPS mine - ph]

This region can produce more X-class flares over the next few days. Solar astronomers measure the size of a sun spot group by how much area of the sun's surface it occupies, and is measured in terms of "millionths of surface coverage."

> Region 488 (N08W18) is also a large, complex active region and now
> exceeds 1200 millionths in a beta-gamma-delta configuration. C-class
> activity and low M-class flares were observed in this region.

Region 488 is also geoeffective right now. The beta-gamma-delta thing describes a magnetic complexity of the sunspot region typical when a major flare is about to occur. In other words, this region could produce a major flare or two in the next few days as well, and the shockwave would also impact earth.

> IB. Solar Activity Forecast: Solar activity is expected to continue
> at high levels. The very large and complex Region 486 will likely
> produce more major flare activity during its remaining 5-6 days on
> the visible disk. A major event is also possible from Region 488.

As described above.

> IIA. Geophysical Activity Summary 28/2100Z to 29/2100Z:
> The geomagnetic field ranged from unsettled to severe storming. The
> powerful CME from the X17/4b flare on 28/1110Z, impacted the Earth's
> magnetic field at 29/0613Z. The transit time for this CME was around

> 19 hours, making it one of the fastest on record.

And you thought I was making that up :-)

> The sudden impulse measured 140 nT on the Boulder magnetometer.

nT is "nano Teslas," a measure of the magnetic field strength.
140nT is not bad, but surprised it wasn't more than that for the strength of the shockwave impact.

> Strong southward IMF Bz initiated severe (K9) storming at middle and
> high latitudes in the 29/0600 - 0900Z period. Mostly northward Bz
> occurred from 29/0900 - 1800Z; however, major to severe storming
> persisted. A sharp southward turn in the Bz occurred at around 1800Z
> ending the period with K8-9 severe storming.

IMF = Interplanetary magnetic field. This is what I was trying to describe yesterday. If it remains northpointing (+Bz), the effect of the impact is minimized. When the direction of the IMF, due to the impact, turns southward (-Bz), the geomagnetic storm becomes immediately severe. Had the impact hit us last night with a -Bz, we would have had a heck of a storm with auroras very far south and you probably would have had an excellent view with most of the power grids down as well -hi.

The shockwave from the flare contains millions of tons of solar particles. It has a magnetic field of it's own. It is this IMF of the shockwave, and the orientation of its field that +Bz and -Bz is referring to. A -Bz, when it impacts the earth, is opposite to the orientation of the earths magnetic field and causes the maximum disturbance.

> The large proton event and GLE that followed the X17 flare is now in
> decline.

GLE = Ground Level Event. The protons striking the earth are energetic enough that they are penetrating to the earths surface, creating the GLE classification. This does happen with major flares, but not all that common. A quasi-rare event. Keep in mind, this can be ionizing radiation to plants, animals and people. Our QRP friends in Canada and Alaska may have a nice tan tomorrow and not know why.

> The greater than 10 MeV proton event that began on 28/1215Z, peaked at
> 29/0615Z at 29,500 pfu, making it the second largest greater than 10 MeV
> proton event this cycle

This flare was definitely a record breaker.
pfu = proton flux units.

> IIB. Geophysical Activity Forecast: The geomagnetic field is

> expected to continue at severe storm levels through day one. The IMF
> Bz is now sustained southward at near -30 nT, resulting in severe
> storm levels. This condition is expected to persist through at least
> the first half of day one.

In addition to -Bz causing a continuation of the geomagnetic storm, it also means a CONTINUATION FOR AURORAL ACTIVITY tonight over North America. You don't have to wait for a shockwave to arrive. Just look at the sky periodically shortly after sundown to whenever.

Goto:

<http://www.sec.noaa.gov/pmap/index.html>

This is a map showing the extent of the aurora nearly real time. If it's RED to your north, aurora is possible. The closer the red is to you, the higher the possibility of it being visible in your area. Keep in mind, the red auroral being displayed is actually tens of miles up in the sky. It doesn't have to be over your head to see it. If the blue portion of the auroral oval is south of you, you have a high probability of seeing auroral activity.

> The potential geomagnetic impact from today's X10 flare will be
> assessed next period; predictions for days two and three will likely
> change considerably.

Again, pending their determination of the speed of the shock wave, and hence when it will impact earth.

> III. Event Probabilities 30 Oct-01 Nov

> Class M 90/90/90

> Class X 50/50/50

> Proton 99/99/75

A 50% chance of more X class flares is quite high odds!

> PCAF in progress

PCA = Polar Cap Absorption event, in progress. Our friends up north are in a near HF blackout right now.

> IV. Penticton 10.7 cm Flux

> Observed 29 Oct 279

> Predicted 30 Oct-01 Nov 275/265/260

> 90 Day Mean 29 Oct 126

When things settle down, the huge boost in solar flux from all of this will allow good DX propagation on the higher bands for awhile.

> V. Geomagnetic A Indices
> Observed Afr/Ap 28 Oct 015/020
> Estimated Afr/Ap 29 Oct 120/150
> Predicted Afr/Ap 30 Oct-01 Nov 080/100-020/025-010/010

The K index (1-9) is measured every 3 hours. The A-index is a DAILY index, averaging readings over the 24 hour period. This is why the A-index shown for today was only 20. This was actually YESTERDAY's A-index. Today's A-index AVERAGED 150 (Ap means the overall PLANETARY A-Index), even though portions averaged up to 400 for awhile (the 3-hour periods, measured similar to the K-index). The definition of the A-index is the planetary AVERAGE over the past 24 hours in the UTC day.

72, Paul NA5N

Date: Wed, 29 Oct 2003 16:53:50 -0700 (MST)
From: Paul Harden <pharden@revere.aoc.nrao.edu>
To: qrp-l@lehigh.edu
Subject: [160306] Storm/Aurora still in progress
Message-ID: <Pine.SOL.3.91.1031029164511.19310A-100000@paso>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
Just to make sure this gets through before it gets much later ...

We are still in a very violent geomagnetic storm. K=7, 8 and 9 so far all day. We're still being bombarded by solar particles. Our magnetic field is still wiggling strongly, generating huge electrical currents flowing along our magnetic field lines. (This is what wipes out HF with noise).

The magnetic orientation is currently negative (-Bz), meaning our magnetic field is still being agitated in the maximum sense. Ideal for auroras.

We do not have to wait for a shockwave to arrive. Look north for auroral activity as soon as the sun goes down in your area and periodically throughout the night. There is active aurora ongoing right now at 1600 MDT, as the east coast enters darkness. I don't know how far southward it will extend, but the northern tier of states should see auroral activity for sure. Don't sit out in the cold until 2am waiting for something, but I'd certainly check the northern skies every 30-60 minutes for a red glow. If it's more active than that, the aurora then finds you!

GL es 72, Paul NA5N

Date: Wed, 29 Oct 2003 18:05:00 -0600
From: John Westerlage <n5dwi@juno.com>
To: n4xy@earthlink.net, qrp-1@Lehigh.EDU
Subject: [160307] Re: Fwd: WWV-Message
Message-ID: <20031029.180501.3556.0.N5DWI@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Question,

Do we or the Russkis have any astronauts/cosmonauts up right now?

73,
jw

On Wed, 29 Oct 2003 14:41:23 -0500 Ed Tanton <n4xy@earthlink.net> writes:

> >
> >Space weather for the past 24 hours has been extreme.
> >Geomagnetic storms reaching the G5 level occurred.
> >Solar radiation storms reaching the S4 level occurred.
> >Radio blackouts reaching the R3 level occurred.

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Date: Wed, 29 Oct 2003 16:32:21 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160308] Re: Another big flare in progress (X10?)
Message-ID: <20031030003221.59467.qmail@web60305.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- sjolin <sjolin@swbell.net> wrote:

> Just heard that another major flare is occuring. The word is an

> X-10. I
> think I heard it on two meters. Band noise jumped five or six
> s-units.
>
> BTW, two meters is hopping right now 2100z. Stations as far south as
> Texas
> are working aurora. Have at it.

AU on 6m also. Just worked N8BJQ in EN80 and K7BV/1 in FN31. Luv
those raspy soundin' notes.

72, Gary -K8KFJ-

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Wed, 29 Oct 2003 19:56:07 -0500
From: "Emmersom Bigguns" <n8ie@woh.rr.com>
To: <n5dwi@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160309] Re: Fwd: WWV-Message
Message-ID: <008c01c39e80\$9a8bedd0\$0300a8c0@home5vtkw1ykj9>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I know the Russians do, but not sure about Americans.

I just hope who ever is up there has foil undies. :-)

72, oo
Dan, N8IE

----- Original Message -----
From: "John Westerlage" <n5dwi@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 29, 2003 7:05 PM
Subject: Re: Fwd: WWV-Message

> Question,

>
> Do we or the Russkis have any astronauts/cosmonauts up right now?
>
> 73,
> jw
>
> On Wed, 29 Oct 2003 14:41:23 -0500 Ed Tanton <n4xy@earthlink.net> writes:
> > >
> > >Space weather for the past 24 hours has been extreme.
> > >Geomagnetic storms reaching the G5 level occurred.
> > >Solar radiation storms reaching the S4 level occurred.
> > >Radio blackouts reaching the R3 level occurred.
>
>
> -----
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Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.528 / Virus Database: 324 - Release Date: 10/16/2003

Date: Thu, 30 Oct 2003 02:01:11 +0100 (CET)
From: dl6aaf@t-online.de
To: qrp-l@lehigh.edu
Subject: [160310] Fwd: 14th OQRPC: Where They Came From
Message-ID: <200310300101.h9U11CQ01057@joringel.privnet.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRP-Contest-Community (qrpcc)
c/o Dr. Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER

29-Okt-2003

Dear OQRP-Contest friends,

again it seems of interest, where the signals (better: the logs) of the
14th Original-QRP-Contest came from. There have been trends:

82 x DL	The 14th OQRPC again was a home game for DLs, of course.
11 x PA	A consequence of the publication in CQ-DL and other
6 x OK	magazines and a still effective Packet Radio Net in DL
5 x F	(a ham radio medium for ham radio contents!).
4 x HB	The "Benelux-QRP-Nieuwsbrief" and the "OK-QRP-Info" also
3 x I, ON, OZ	are magazines open for QRPCC events with noticeable
2 x G, LA, LY,	results on participation. This time the PAs changed
SP, UA/EU	places with the OKs. Other magazines don't pay attention
1 x GM, LX, LZ,	(try to change it!). It seems to have been a tribute
OE, OM, T9,	to the very "short" condx however, that we missed any
UA/AS, UT	entry from EA.

The best way to work against magazine editors who give us a cold shoulder will be even more personal invitations to potential participators outside DL by "snail mail" -though this will make a big hole into the QRPCC pocket..

Please help to make the QRPCC events better known in your country by informing your radio magazine!

Next events: 16th Homebrew & Oldtime-Equipment-Party (HOT-PARTY) 16th Nov.
15th ORIGINAL-QRP-CONTEST (OQRPC) 27/28-Dec-2003

73/2 Hal, DJ7ST

Date: Wed, 29 Oct 2003 19:03:17 -0600
 From: "sjolin" <sjolin@swbell.net>
 To: <khyberpass65@yahoo.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [160311] Re: Another big flare in progress (X10?)
 Message-ID: <0dc601c39e81\$9c964750\$78d1fea9@DaveSjolin>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Hey, on two, they dont have any tone unless you live next guy to the guy your listening to. Biggest problem for me on two is figuring out where the station is because they are so BROAD. Fun though. Have at it.

73 de Dave, N0IT

----- Original Message -----

From: "Garie Halstead K8KFJ" <khyberpass65@yahoo.com>
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Sent: Wednesday, October 29, 2003 6:32 PM
 Subject: Re: Another big flare in progress (X10?)

> --- sjolin <sjolin@swbell.net> wrote:
>
> > Just heard that another major flare is occuring. The word is an
> > X-10. I
> > think I heard it on two meters. Band noise jumped five or six
> > s-units.
> >
> > BTW, two meters is hopping right now 2100z. Stations as far south as
> > Texas
> > are working aurora. Have at it.
>
> AU on 6m also. Just worked N8BJQ in EN80 and K7BV/1 in FN31. Luv
> those raspy soundin' notes.
>
> 72, Gary -K8KFJ-
>
>
>
> -----
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free, easy-to-use web site design software
> <http://sitebuilder.yahoo.com>
>

Date: Wed, 29 Oct 2003 19:06:29 -0600
From: "Frank Emens" <femens@hiwaay.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
n8ie@woh.rr.com
Subject: [160312] Re: Fwd: WWV-Message
Message-ID: <3FA00FB5.31512.1D32DAC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

There is a combined US and Russian crew on the ISS. They are retreating to the
portion of a space station module that provides the best shielding every time
their
orbit passes through the biggest concentraion of 'stuff'.
--

Frank Emens
femens@hiwaay.net

Huntsville, Alabama

Date: Wed, 29 Oct 2003 19:05:42 -0600
From: "sjolin" <sjolin@swbell.net>
To: <n8ie@woh.rr.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160313] Re: Fwd: WWV-Message
Message-ID: <0dd601c39e81\$f2f9e8e0\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Both countries do on the International Space Station. Hope they have a lot of aluminum foil among their supplies.

73 de Dave, N0IT

----- Original Message -----
From: "Emmersom Bigguns" <n8ie@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 29, 2003 6:56 PM
Subject: Re: Fwd: WWV-Message

> I know the Russians do, but not sure about Americans.

>

> I just hope who ever is up there has foil undies. :-)

>

> 72, oo

> Dan, N8IE

>

> ----- Original Message -----

> From: "John Westerlage" <n5dwi@juno.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Wednesday, October 29, 2003 7:05 PM

> Subject: Re: Fwd: WWV-Message

>

>

> > Question,

> >

> > Do we or the Russkis have any astronauts/cosmonauts up right now?

> >

> > 73,

> > jw

> >
> > On Wed, 29 Oct 2003 14:41:23 -0500 Ed Tanton <n4xy@earthlink.net>
writes:
> > >
> > > >Space weather for the past 24 hours has been extreme.
> > > >Geomagnetic storms reaching the G5 level occurred.
> > > >Solar radiation storms reaching the S4 level occurred.
> > > >Radio blackouts reaching the R3 level occurred.
> >
> > -----
> > The best thing to hit the internet in years - Juno SpeedBand!
> > Surf the web up to FIVE TIMES FASTER!
> > Only \$14.95/ month - visit www.juno.com to sign up today!
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.528 / Virus Database: 324 - Release Date: 10/16/2003
>

Date: Wed, 29 Oct 2003 17:15:04 -0800 (PST)
From: Barry N1EU <n1eu@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [160314] Re: FS: New SW-40+ kit
Message-ID: <20031030011504.75215.qmail@web13206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

It looks like the SW-40+ is sold. If not, I'll notify
the list again.

Thanks for all the interest.

72/73,
Barry N1EU

Do you Yahoo!?
Exclusive Video Premiere - Britney Spears
<http://launch.yahoo.com/promos/britneyspears/>

Date: Thu, 30 Oct 2003 02:24:02 +0100 (CET)
From: Mikael Czerski <arcticfox@midgardsormen.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [160315] flare effects on HF
Message-ID: <Pine.LNX.4.56-Maildir.0310300217340.19022@yme.midgardsormen.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Have anyone of you experienced and blackouts on HF/LF, here in locator JP32 i can't hear anything execept a large "Hiss"/"Noise" like the one you can find on VHF/UHF. the only i can get on MW at the moment is a station located 70km from here but nothing else. just the hiss. (this on several recievers / locations).

73s de Mike - LA6IMA

Date: Wed, 29 Oct 2003 20:37:56 EST
From: K4BYF@aol.com
To: qrp-l@lehigh.edu
Subject: [160316] Power Calculations
Message-ID: <4f.3629b27e.2cd1c574@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Am I right to assume that the right formula for calculating the RF output of a CW signal provides a Peak to Peak RMS answer using the product of PEV and 0.3535 squared, divided by the load resistance, while the formula for calculating an SSB output gives a PEP answer using the product of PEV and 0.707 squared, divided by the load resistance? 72 de Jack, K4BYF

Date: Wed, 29 Oct 2003 19:55:39 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Mike Yetsko" <myetsko@insydesw.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160317] Re: Soldering Coax fittings question
Message-ID: <01a101c39e88\$f3d52980\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeah, Mike - we are on the same page! <:}

Those two different thread taper standards are, I think, metric and SAE but not sure.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"Starting the 58th year and it just keeps getting better!"

w5yr@att.net

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "George, W5YR" <w5yr@att.net>; "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, October 29, 2003 4:30 PM

Subject: Re: Soldering Coax fittings question

>

>

> > Mike, not to argue with you, but I think you somewhat overstate the

> negative

> > aspects of using adapters at HF. Perhaps your comments were addressed to

> VHF

> > and UHF applications only.

>

> That's true. At HF I've use 'pipe fittings' and placed coax in the pipe

> and then clamped it. (Ok, ok, I've even done that at 220Mhz with

> hardline...)

>

> > As to mechanical aspects, etc. it is usually best design practice to NOT

> > rely upon the connector for holding strength if the cables, etc. are

> going

> > to be subject to mechanical stress. Better to secure the cable(s) with

> > appropriate clamps, etc. and rely upon the connectors to connect.

>

> What I've had happen 'mechanically' is that the PL-259/SO-239 generally

> will take a lot of mechanical abuse. In one scenario, using it as a base

> for an antenna. Although I doubt you'll see that at HF! But the larger

> physical size allows for a lot of mechanical rigidity.

>

> As to BNC, they are at a BIG disadvantage. First off, the connectors

> themselves aren't rigid. And while you won't see PLs used on HF
> antennas, you WILL see BNCs used on telescoping whips. I've
> personally seen the center pin of a BNC break off from the flexing.
> And trust me, it's a real job to get that pin out of the BNC jack without
> damaging the socket!
>
> The other issue is BNCs tend to be mounted for less stress. Now, this
> isn't the fault of the BNC, but I've seen far more intermittent
> connections
> with BNCs than I've ever seen with PLs due to mechanical movement
> outside the connector.
>
> Also notice that from a 'mechanical' point of view, the larger diameter of
> the PL type connector makes it a MUCH more 'mechanically secure'
> setup, even if the BNC didn't have the 'built in rock'.
>
> While some people find one type of connector easier to put on over others,
> I think (and it's just my perception) that if you take a group of people,
> the BNC connectors would not fare very well. Probably the BEST
> scenario for the mounting of BNCs would be the 'stripper' method used by
> networks with the crimp-on BNCs. I know VERY few people who would
> do the ferule and cone ring type mounts unless they are lab workers.
>
> As to securing the cables, you're right on with that! With ANY connector
> that's mounted at home, I'd lay high odds failure will be at the
> 'home-made'
> connector and it will be due to flexing and/or pulling of the cable!
>
> Hey, I'm not blasting BNCs! My HF setup is now ALL BNCs. (I have
> a K2, so is that cheating?) But I just don't think that the differences
> make
> BNCs a hands-down choice for everybody.
>
> And don't get me started on PL connectors. Like the fact there seems to
> be 2 different standards for how the threads taper...
>
> Mike
>

Date: Wed, 29 Oct 2003 20:08:38 -0600
From: Kenneth Laine Ketner <ketner@arisbeassociates.com>
To: Brian Wingert <brianw@synrad.com>, qrp list <qrp-l@Lehigh.EDU>
Subject: [160318] Re: SMK-1 smoke
Message-ID: <3FA072A5.BBD95A50@arisbeassociates.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1; x-mac-type="54455854"; x-mac-creator="4D4F5353"

Content-Transfer-Encoding: quoted-printable

Greetings Brian: Thanks for the help. Here are the results of some tests.=

Touched pin 3 of the 386, nice 60 cycle buzz, so the sudio chain is ok.

Did the reverse ohmeter flip/flop thing with d6 and d7 (in circuit). Good= reversals, and the cathode marks are correct.

R7 measured in circuit and shows around 9 k ohm.

The smoky TX tune pot, VR3, shows (in circuit 3 k) ohm across outer termi= nals,
as does the apparently healthy RX tune pot. So I am guessing it might be = ok,
especially in view of the no osc action below mentioned.

Hooked the ant hot lead to the ant in lead on my nice ole lab radio, Yaes= u
FT-ONE (nice ole beastie), no oscillator noise. Looks like the osc-s ain=92= t
going.

I have scanned the board with a magnifier and bright lite and don=92t see= anything obvious - bridges, or reversals or bad joints

Suggestions for further exploration? I=92m very grateful for the help as = I am not
too swift diagnosing solid state TX. But I=92m learning, thanks to you an= d other
qrp folks.

--

Ken Ketner
ARS KA5ELD (Extra Class)
Personal Webpage: <http://www.wyttynys.net>
Office Webpage: <http://www.pragmaticism.net>
Email:
home: ketner@arisbeassociates.com
office: kenneth.ketner@ttu.edu

US MAIL
PO Box 65135
Lubbock, TX 79464

Brian Wingert wrote:

> C11 don't matter it sets the gain of the lm386 audio amp. You can check the
> amp by listening to the rig and touching pin 3 to see if the noise increases
> (or you hear clicks or buzz).
>
> You don't mention if the oscillators are working. There are 2 on the smk-1.
> Dial up 7.040 on your station rig with 4 feet of wire connected to the smk-1
> RF jack. Tune around on your big rig and see if you can hear either or both
> oscillators.
>
> If you think you smoked VR3, unsolder it and check it with an ohm meter.
=2E My
> guess is that diodes D6 and D7 are installed backwards. Check r7 with an
> ohm meter while you're at it.
>
> --- Gud luck es 73 de N7RVD Brian

Date: Wed, 29 Oct 2003 21:21:42 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [160319] No NEQRP CW net this week
Message-ID: <3FA075B6.4B09323E@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There will be no NEQRP CW net this week. We'll resume again next week.
Hope to hear you all then.

72 DE K1CL,
Chuck

Date: Wed, 29 Oct 2003 19:25:03 -0700
From: "Ron Pyle" <raple@gwtc.net>
To: <pharden@revere.aoc.nrao.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160320] Re: Storm/Aurora still in progress
Message-ID: <01d301c39e8d\$06e3de00\$65aafb40@yourjbuypagwhk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I saw an extremely good aurora, here in SD, back about 2 or 3 years ago. That one was so good, they reported seeing it as far south as NM, and SoCal. Here, it filled the entire sky. It was beyond beautiful. Unfortunately, most the people here never saw it. I never thought I could ever see aurora that good unless I traveled to Alaska. In case you're wondering if it is worth setting your alarm clocks throughout the night to check.... It is definitely worth it. It's something you'll never forget.

Ron
KC0QXU
FP-682

Date: Wed, 29 Oct 2003 21:29:56 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [160321] Re: Fwd: WWV-Message
Message-ID: <5.1.1.6.1.20031029212344.00b27998@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:05 PM 10/29/2003 -0600, you wrote:

>Question,

>

>Do we or the Russkis have any astronauts/cosmonauts up right now?

John,

Yes. Right now Expedition 8 commander Ed Foale (we) and flight engineer Alexander Kaleri (Russki) are aboard the International Space Station. The previous crew and the Soyuz pilot that delivered the new crew to the ISS landed yesterday.

I believe the ISS is considered to be relatively safe during space weather events like we've been experiencing, since the crew modules are metal and the station is in a relatively low orbit protected by a good deal of the Earth's magnetic field. (Although I've seen accounts of ISS astronauts looking down to see aurora, which implies to me a that there's significant radiation getting past them.)

Dave

Dave Hinerman
WD8CIV@att.net

Date: Wed, 29 Oct 2003 19:38:23 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: raple@gwtc.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160322] Re: Storm/Aurora still in progress
Message-ID: <3FA0799F.83B221A6@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Aurora is evident here in Colorado Springs with some minor cloud interference. Mostly a very wide band of light blue-green with occasional red edges on the top. Get out and look northward.

72 - john - n0hj

Ron Pyle wrote:

> I saw an extremely good aurora, here in SD, back about 2 or 3 years ago.
> That one was so good, they reported seeing it as far south as NM, and SoCal.
> Here, it filled the entire sky. It was beyond beautiful. Unfortunately, most
> the people here never saw it. I never thought I could ever see aurora that
> good unless I traveled to Alaska. In case you're wondering if it is worth
> setting your alarm clocks throughout the night to check.... It is definitely
> worth it. It's something you'll never forget.
>
> Ron
> KC0QXU
> FP-682

Date: Wed, 29 Oct 2003 20:47:30 -0800
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160323] PIC-Nick: Pre-talking the PIC pack
Message-ID: <009901c39ea0\$ed15ca10\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm getting antsy waiting for this PIC flower to bloom and am doing some preliminary stuff that I hope won't prove counter-productive.

Via eBay, I found this site <http://www.glitchbuster.com> that seem to have some good prices and a nice flat \$1.85 shipping fee. Got a couple 16F84As cause that's (more or less) what the group is supposed to start on. Then I got intrigued with the 16F88 because it includes some A/D and is cheap so got a few of those too.

Then a scary observation--the 16F88 may not work with the same programmer. Oops. I definitely want to be able to use a programmer that I can build myself fairly easily. After some Googles, I see what looks like a good prospect, "PICProg" <<http://www.rotgradpsi.de/mc/picprog/picproge.html>> by Martin Clausen looks promising. It says it can handle both of these PICs. Any comment from experts? It uses DOS based software and burns via the parallel port, which is fine with me cause I got a couple DOS boxes sitting here for hacking purposes.

Regarding the MLAB IDE available from the Microchip site and it's huge size. I'm sure it would be a bear by phone modem, but it was just about a minutes worth of download time via cable modem. Kind of ironic to have a ~30 MB program (zipped) to allow you to program a chip with 1000 bytes of memory, more or less.

Lots of good pdfs on the Microchip site for a little pre-study too. And I'm enjoying Dave Ek's (NK0E) section on the NJQRP Digital Homebrewer page <http://www.njqrp.org/digitalhomebrewing/pic-wx/pic-wx-1.html>, especially the heavily commented source code.

Hey. I just discovered that NJQRP also has a HAM PIC Resources section. Duh. Guess it's time to end this message and have a look.

72--Nick, WA5BDU

... watch those protons!

Date: Wed, 29 Oct 2003 20:46:21 -0600
From: Wayne Rogers <w5kdj@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [160324] FOX Logs 10-29-2003Z
Message-ID: <20031029.204621.-1559057.18.w5kdj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

The hounds sure skinned my hide. 40 was good the first 1.5hrs but then went South. There were 8 or 6 stations that stayed until the last second but I could not pull them out of the noise. I had some minor logging & keyer problems which caused a few awwwww shucks. Like pulling chicken teeth the last 30 minutes. C U in January 04.

10-29-200302:00	W5YR	559TX	GEORGE	5	CW	559
10-29-200302:01	W5USJ	559TX	CHUCK	5	CW	559
10-29-200302:02	KD5KXF	559TX	MIKE	5	CW	559
10-29-200302:03	W5TB	559TX	DOC	5	CW	559
10-29-200302:04	K9OZ	559IL	BRUCE	5	CW	559
10-29-200302:05	W0CH	559MO	DAVE	5	CW	559
10-29-200302:06	N4ROA	559VA	DAN	5	CW	559
10-29-200302:06	KK5LD	559TX	DAN	5	CW	559
10-29-200302:07	K5JHP	559TX	BILL	5	CW	559
10-29-200302:08	N1TP	559FL	TOM	5	CW	559
10-29-200302:09	N3BJ	559VA	ALAN	5	CW	559
10-29-200302:10	N5ZE	559TX	LEW	5	CW	559
10-29-200302:10	AJ4AY	559AL	JAY	5	CW	559
10-29-200302:11	K3PH	559PA	BOB	5	CW	559
10-29-200302:12	K4BYF	559FL	JACK	3	CW	559
10-29-200302:12	N?WX	599MN	MIKE	5	CW	559
10-29-200302:13	W9XT	559WI	GARY	5	CW	559
10-29-200302:14	K4ADI	559SC	FRANK	5	CW	559
10-29-200302:15	N0EA	559MO	WAYNE	5	CW	559
10-29-200302:16	K6XR	559CA	REGGIE	5	CW	559
10-29-200302:17	W0RSP	559SD	ADE	1	CW	559
10-29-200302:18	AD6JV	559CA	BILL	5	CW	559
10-29-200302:19	W7IAW	559AZ	WALT	5	CW	559
10-29-200302:20	N5EBD	559TX	KEN	5	CW	559
10-29-200302:21	AG4PJ	559AL	DAVE	5	CW	559
10-29-200302:22	K2ZN	559NY	ALAN	5	CW	559
10-29-200302:23	K5BGB	579TX	ROD	5	CW	559
10-29-200302:24	AG0T	559ND	DON	5	CW	559
10-29-200302:25	K8DDB	559MI	MIKE	5	CW	559

10-29-200302:28	W2XN	559FL	FRED	5	CW	559
10-29-200302:29	AA7EQ	559AZ	BOB	5	CW	559
10-29-200302:30	KF0N	549IA	LARRY	5	CW	559
10-29-200302:32	WE9U	559WI	GLENN	5	CW	559
10-29-200302:33	K8KFJ	559WV	GARY	5	CW	559
10-29-200302:34	KI0II	559CO	RON	5	CW	559
10-29-200302:35	KD5CMN	559MI	MIKE	5	CW	559
10-29-200302:36	N0ORN	559MO	JERRY	5	CW	559
10-29-200302:37	N3ZPG	559OH	FRANK	5	CW	559
10-29-200302:38	K5EOA	559LA	WAYNE	5	CW	559
10-29-200302:39	K0UU	559NE	JEFF	5	CW	559
10-29-200302:41	AC7A	559AZ	TIM	5	CW	559
10-29-200302:42	KR0IE	579CO	TIM	5	CW	559
10-29-200302:42	W0PWE	559IA	JERRY	5	CW	559
10-29-200302:43	AA50	559LA	VERN	5	CW	559
10-29-200302:44	W5YR	559TX	GEORGE	5	CW	559
10-29-200302:45	WA9TZE	559WI	JIM	5	CW	559
10-29-200302:47	VE6EX	559AB	DAN	5	CW	559
10-29-200302:48	N9AW	559WI	JERRY	5	CW	559
10-29-200302:49	N9KW	599IL	JOHN	5	CW	559
10-29-200302:49	NK9G	559WI	RICK	5	CW	559
10-29-200302:50	W9HL	559IL	RANDY	5	CW	559
10-29-200302:51	KB9YIG	559IL	TONY	2	CW	559
10-29-200302:52	KJ0C	559MO	JIM	5	CW	559
10-29-200302:54	W0ANM	559MN	CURTIS	5	CW	559
10-29-200302:54	KC5NT	559TX	ED	5	CW	559
10-29-200302:55	W9XU	559WI	LON	5	CW	559
10-29-200302:56	N4IM	579TX	COLE	5	CW	559
10-29-200302:59	K50I	559OK	TIM	5	CW	559
10-29-200303:01	K5DI	559NM	KARL	5	CW	559
10-29-200303:02	AF4LQ	559KY	MIKE	5	CW	559
10-29-200303:02	K5SR	559TX	DALE	5	CW	559
10-29-200303:03	K6VNX	559CA	ARLEN	5	CW	559
10-29-200303:04	N8IE	599NH	DAN	5	CW	559
10-29-200303:04	N1FN	559CO	ET	5	CW	559
10-29-200303:05	W9XU	559WI	LON	5	CW	559
10-29-200303:06	N0TK	559CO	DAN	5	CW	559
10-29-200303:08	N4DD	559TN	DENNIS	5	CW	559
10-29-200303:09	N5IB	559LA	JIM	5	CW	559
10-29-200303:10	KW4JS	559TN	JOHN	5	CW	559
10-29-200303:13	K2QO	559NY	MARK	5	CW	559
10-29-200303:14	NA8M	559MI	JOHN	5	CW	559
10-29-200303:15	WA8ZBT	559TX	DENNIS	5	CW	559
10-29-200303:16	WC5RR	599TX	CHRIS	5	CW	559
10-29-200303:17	KV2X	599NY	TOM	5	CW	559
10-29-200303:18	WA8BXN	559OH	MIKE	5	CW	559
10-29-200303:19	N0IT	579MO	DAVE	5	CW	559
10-29-200303:25	AB9CA	559AL	DAVE	5	CW	559

10-29-200303:26	W0NTA	559CO	DAVE	5	CW	559
10-29-200303:27	K9DI	599IL	WAYNE	5	CW	559
10-29-200303:32	VA6RF	559AB	EARL	5	CW	559
10-29-200303:33	WD7Z	559NM	DAVE	5	CW	559
10-29-200303:35	K6A	559CA	DON	5	CW	559
10-29-200303:36	AK7Y	559AZ	GREG	5	CW	559
10-29-200303:37	W8YMO	559OH	LARRY	5	CW	559
10-29-200303:39	WB4X	559NC	BRENT	5	CW	559
10-29-200303:40	WE9K	559WI	GLENN	5	CW	559
10-29-200303:41	KC2CK	559NY	DON	5	CW	559
10-29-200303:50	K0PC	559MN	PAT	5	CW	559
10-29-200303:51	K3ESE	559PA	ROY	5	CW	559
10-29-200303:53	K8CV	559MI	WALT	5	CW	559
10-29-200303:54	NV4V	559FL	STEVE	5	CW	559
10-29-200303:56	KG6WP	559CA	WARD	5	CW	559
10-29-200303:57	KI0BY	599CO	STEVE	5	CW	559

Wayne_W5KDJ

ex: SV0WWW_TF2WJN 100% A1
 ARS_1392 ARCI_11325 FP-626 e-QSL
 FISTS_10060 SOC_538 HQRP ARRL

Date: Wed, 29 Oct 2003 22:14:53 -0500
 From: "John J. McDonough" <wb8rcr@arrl.net>
 To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
 Cc: <nkennedy@tcainternet.com>
 Subject: [160325] Re: PIC-Nick: Pre-talking the PIC pack
 Message-ID: <00ed01c39e93\$fd32c590\$080044c0@BrianBoru>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

A couple of points ...

As George mentioned a couple of weeks ago, the AmQRP PIC-EL board will have the programmer on board, so don't go spending a ton of money on a fancy programmer. On the other hand, some of these fancy things are awfully nice to use, but recognize that you can get away with less than \$10 in parts, and that's at Radio Shack prices.

Programming these things isn't rocket science. You gotta provide power, wiggle RB6, RB7, and !MCLR. That's is. Same story all PICs. The only thing that's different is the socket. Take a look at Microchip's Implementing ICSP document. The !MCLR line is a little odd in that it has 3 states ... ground, +5 and +13. In some PICs, the +13 state can sometimes be +5, but

the +13 will work for all.

Sooooooo if you have a circuit with your PIC16Fxxx in it, and you put a diode between the !MCLR pin and the rest of the circuit, now you only need to connect !MCLR, +5, RB6 and RB7 from your programmer to the test circuit (assuming you haven't loaded RB6 and RB7 down with 10 ohm resistors, of course). No need for some special programmer for the other parts. Basically, what the \$100 programmers get you is a couple of sockets. Leaving the PIC in the circuit you're working on is a bunch more convenient anyway, plus now you can consider the surface mount PICs for those Altoids tin rigs.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 29, 2003 11:47 PM
Subject: PIC-Nick: Pre-talking the PIC pack

> I'm getting antsy waiting for this PIC flower to bloom and am doing some
> preliminary stuff that I hope won't prove counter-productive.
>
> Via eBay, I found this site <http://www.glitchbuster.com> that seem to
have
> some good prices and a nice flat \$1.85 shipping fee. Got a couple 16F84As
> cause that's (more or less) what the group is supposed to start on. Then
I
> got intrigued with the 16F88 because it includes some A/D and is cheap so
> got a few of those too.
>
> Then a scary observation--the 16F88 may not work with the same programmer.
> Oops. I definitely want to be able to use a programmer that I can build
> myself fairly easily. After some Googles, I see what looks like a good
> prospect, "PICProg" <<http://www.rotgradpsi.de/mc/picprog/picproge.html>>
by
> Martin Clausen looks promising. It says it can handle both of these PICs.
> Any comment from experts? It uses DOS based software and burns via the
> parallel port, which is fine with me cause I got a couple DOS boxes
sitting
> here for hacking purposes.
>
> Regarding the MLAB IDE available from the Microchip site and it's huge
size.
> I'm sure it would be a bear by phone modem, but it was just about a

minutes

> worth of download time via cable modem. Kind of ironic to have a ~30 MB
> program (zipped) to allow you to program a chip with 1000 bytes of memory,
> more or less.
>
> Lots of good pdfs on the Microchip site for a little pre-study too. And
I'm
> enjoying Dave Ek's (NK0E) section on the NJQRP Digital Homebrewer page
> <http://www.njqrp.org/digitalhomebrewing/pic-wx/pic-wx-1.html> , especially
> the heavily commented source code.
>
> Hey. I just discovered that NJQRP also has a HAM PIC Resources section.
> Duh. Guess it's time to end this message and have a look.
>
> 72--Nick, WA5BDU
>
> ... watch those protons!
>
>

Date: Wed, 29 Oct 2003 22:22:47 -0500
From: "Ken Newman" <n2cq@dandy.net>
To: "List QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>,
"K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [160326] [CONTEST] N2CQ QRP Contest Calendar Nov 2003
Message-ID: <02f101c39e95\$1bb2bc40\$32eb80d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR  
November 2003  
~~~~~

40 METER FOXHUNT - Wednesday 0200z to 0400z (Tue eve USA)
Info: <http://www.cqc.org>

Truffle Hunt - 30 min before Fox Hunt
Info: http://fpqrp.com/pig_hunt.html
~~~~~

HA-QRP Contest (CW - 80 Meters) \*\*\* QRP Contest\*\*\*  
Nov 1, 0000z to Nov 7, 2400z

Rules: <http://www.sk3bg.se/contest/haqrp.htm>

~~~~~  
Ukrainian DX Contest (CW/SSB/Dig) ... QRP Category

Nov 1, 1200z to Nov 2, 1200z

Rules: <http://www.qsl.net/ucc/>

~~~~~  
ARRL Sweepstakes (CW) ... QRP Category

Nov 1, 2100z to Nov 3, 0300z

Rules: <http://www.arrl.org/contests>

~~~~~  
High Speed Club Contest (CW) ... QRP Category

Nov 2, 0900z to 1100z and 1500z to 1700z

Rules: <http://www.morsecode.dutch.nl/hsc.html>

~~~~~  
Adventure Radio Society - Spartan Sprint (CW) \*\*\* QRP Contest\*\*\*

Nov 4, 0200z to 0400z (Monday Evening US/Can Time)

Rules: <http://www.arsqrp.com/>

~~~~~  
Japan International DX Contest (phone)... <100w category

Nov 8, 0700z to Nov 9, 1300z

Rules: <http://je1cka.jzap.com/jidx/jidxrule-e.html>

~~~~~  
WAE RTTY Contest (Digital)... <100W Category

Nov 08, 0000z to Nov 09, 2359z

Rules: <http://www.darc.de/referate/dx/fedcw.htm>

~~~~~  
OK/OM DX Contest (CW) ... QRP Category!

Nov 08, 1200z to Nov 09, 1200z

Rules: http://www.okomdx.radioamater.cz/uvnitr_en.htm

~~~~~  
ARRL Sweepstakes (Phone) ... QRP Category

Nov 15, 2100z to Nov 17, 0300z

Rules: <http://www.arrl.org/contests>

~~~~~  
HOT Party (CW) ... QRP Category

Nov 16, 1300z to 1500z (40 Meters)

Nov 16, 1500z to 1700z (80 Meters)

(HOMEBREW & OLDTIME - EQUIPMENT - PARTY)

Rules: <http://www.qrpcc.de/>

~~~~~  
LZ DX CONTEST (CW) ... QRP Category

Nov 22, 1200z to Nov 23, 1200z

Rules: <http://www.qsl.net/lz1fw/contest/>

~~~~~  
CQ World Wide DX Contest (CW) ... QRP Category!

Nov 29, 0000z to Nov 30, 2400z

Rules: <http://www.cq-amateur-radio.com/>

Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others
for assistance in compiling this calendar.

Please forward the contest info you sponsor to N2CQ@ARRL.NET and
we will post it and give it more publicity.

Anyone may use this "N2CQ QRP Contest Calendar" for your website,
newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.amqrp.org/contesting/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

Date: Wed, 29 Oct 2003 22:38:02 -0500
From: "Larry Head" <rl.head@sympatico.ca>
To: <qrp-1@Lehigh.EDU>
Subject: [160327] Aurora
Message-ID: <002b01c39e97\$3f62dd80\$dc82fea9@r1a4f7>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There was an extremely beautiful auroral display here in Ontario tonight at
20:00 eastern standard time, although it was short lived. Curtains of light
green tinged with red and pink in all directions and extending upwards
towards the zenith. The display was most intense to the north and northeast
and did not quite come together at the zenith, leaving a small,
approximately 10 degree opening at the top. Anyone interested in working
aurora may find this of interest.

Larry VE3LOH

Date: Wed, 29 Oct 2003 22:50:17 -0500
From: "W. Keith Hibbert" <wkhibbert@frontiernet.net>
To: qrp-1@lehigh.edu
Subject: [160328] Bright Visible Aurora in WNY
Message-ID: <5.1.0.14.0.20031029224534.009e41e0@pop3.frontiernet.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At about 0040Z (1940 local), my wife I I saw a very impressive aurora while driving to the store. The aurora covered from 300 degrees to 70 degrees true and had rays and curtains visible to and beyond the zenith.

We sis not have the time to watch it for more than 30 minutes, and the sky clouded over after we came out of the store. I had called a dozen local hams while watching. The aurora was visible from Buffalo, NY to Liverpool, NY and probably farther.

No radio with us at the time, so no report on the band conditions from this end.

73, Keith, WB2VU0, Trustee of the NQ2RP/B 10-Meter Beacon
28.2873 MHz on Your Radio Dial - 24/7

Date: Thu, 30 Oct 2003 03:54:16 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: qrp-l@lehigh.EDU
Subject: [160329] W5KDJ FOX Log
Message-ID: <20031029.195457.9511.134441@webmail08.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

You hounds really gave me a workout. The last 30 minutes of the hunt were like pulling chickens teeth. There were about 8 stations up to the last minute calling but I could not pull them out. I had keyer and logging problems which caused me to say a few awwwww shucks.
C Ua'll Jan. 6. Any corrections let me know.

10-29-200302:00	W5YR	559TX	GEORGE	5	CW	559
10-29-200302:01	W5USJ	559TX	CHUCK	5	CW	559
10-29-200302:02	KD5KXF	559TX	MIKE	5	CW	559
10-29-200302:03	W5TB	559TX	DOC	5	CW	559
10-29-200302:04	K9OZ	559IL	BRUCE	5	CW	559
10-29-200302:05	W0CH	559MO	DAVE	5	CW	559
10-29-200302:06	N4ROA	559VA	DAN	5	CW	559
10-29-200302:06	KK5LD	559TX	DAN	5	CW	559
10-29-200302:07	K5JHP	559TX	BILL	5	CW	559
10-29-200302:08	N1TP	559FL	TOM	5	CW	559
10-29-200302:09	N3BJ	559VA	ALAN	5	CW	559
10-29-200302:10	N5ZE	559TX	LEW	5	CW	559

10-29-200302:10	AJ4AY	559AL	JAY	5	CW	559
10-29-200302:11	K3PH	559PA	BOB	5	CW	559
10-29-200302:12	K4BYF	559FL	JACK	3	CW	559
10-29-200302:12	N0WX	599MN	MIKE	5	CW	559
10-29-200302:13	W9XT	559WI	GARY	5	CW	559
10-29-200302:14	K4ADI	559SC	FRANK	5	CW	559
10-29-200302:15	N0EA	559MO	WAYNE	5	CW	559
10-29-200302:16	K6XR	559CA	REGGIE	5	CW	559
10-29-200302:17	W0RSP	559SD	ADE	1	CW	559
10-29-200302:18	AD6JV	559CA	BILL	5	CW	559
10-29-200302:19	W7IAW	559AZ	WALT	5	CW	559
10-29-200302:20	N5EBD	559TX	KEN	5	CW	559
10-29-200302:21	AG4PJ	559AL	DAVE	5	CW	559
10-29-200302:22	K2ZN	559NY	ALAN	5	CW	559
10-29-200302:23	K5BGB	579TX	ROD	5	CW	559
10-29-200302:24	AG0T	559ND	DON	5	CW	559
10-29-200302:25	K8DDB	559MI	MIKE	5	CW	559
10-29-200302:28	W2XN	559FL	FRED	5	CW	559
10-29-200302:29	AA7EQ	559AZ	BOB	5	CW	559
10-29-200302:30	KF0N	549IA	LARRY	5	CW	559
10-29-200302:32	WE9U	559WI	GLENN	5	CW	559
10-29-200302:33	K8KFJ	559WV	GARY	5	CW	559
10-29-200302:34	KI0II	559CO	RON	5	CW	559
10-29-200302:35	KD5CMN	559MI	MIKE	5	CW	559
10-29-200302:36	N0ORN	559MO	JERRY	5	CW	559
10-29-200302:37	N3ZPG	559OH	FRANK	3	CW	559
10-29-200302:38	K5E0A	559LA	WAYNE	5	CW	559
10-29-200302:39	K0UU	559NE	JEFF	5	CW	559
10-29-200302:41	AC7A	559AZ	TIM	5	CW	559
10-29-200302:42	KR0IE	579CO	TIM	5	CW	559
10-29-200302:42	W0PWE	559IA	JERRY	5	CW	559
10-29-200302:43	AA50	559LA	VERN	5	CW	559
10-29-200302:44	W5YR	559TX	GEORGE	5	CW	559
10-29-200302:45	WA9TZE	559WI	JIM	5	CW	559
10-29-200302:47	VE6EX	559AB	DAN	5	CW	559
10-29-200302:48	N9AW	559WI	JERRY	5	CW	559
10-29-200302:49	N9KW	599IL	JOHN	5	CW	559
10-29-200302:49	NK9G	559WI	RICK	5	CW	559
10-29-200302:50	W9HL	559IL	RANDY	5	CW	559
10-29-200302:51	KB9YIG	559IL	TONY	2	CW	559
10-29-200302:52	KJ0C	559MO	JIM	5	CW	559
10-29-200302:54	W0ANM	559MN	CURTIS	5	CW	559
10-29-200302:54	KC5NT	559TX	ED	5	CW	559
10-29-200302:55	W9XU	559WI	LON	5	CW	559
10-29-200302:56	N4IM	579TX	COLE	5	CW	559
10-29-200302:59	K50I	559OK	TIM	5	CW	559
10-29-200303:01	K5DI	559NM	KARL	5	CW	559
10-29-200303:02	AF4LQ	559KY	MIKE	5	CW	559

10-29-200303:02	K5SR	559TX	DALE	5	CW	559
10-29-200303:03	K6VNX	559CA	ARLEN	5	CW	559
10-29-200303:04	N8IE	599NH	DAN	5	CW	559
10-29-200303:04	N1FN	559CO	ET	5	CW	559
10-29-200303:05	W9XU	559WI	LON	5	CW	559
10-29-200303:06	N0TK	559CO	DAN	5	CW	559
10-29-200303:08	N4DD	559TN	DENNIS	5	CW	559
10-29-200303:09	N5IB	559LA	JIM	5	CW	559
10-29-200303:10	KW4JS	559TN	JOHN	5	CW	559
10-29-200303:13	K2QO	559NY	MARK	5	CW	559
10-29-200303:14	NA8M	559MI	JOHN	5	CW	559
10-29-200303:15	WA8ZBT	59TX	DENNIS	5	CW	559
10-29-200303:16	WC5RR	99TX	CHRIS	5	CW	559
10-29-200303:17	KV2X	599NY	TOM	5	CW	559
10-29-200303:18	WA8BXN	559OH	MIKE	5	CW	559
10-29-200303:19	N0IT	579MO	DAVE	5	CW	559
10-29-200303:25	AB9CA	559AL	DAVE	5	CW	559
10-29-200303:26	W0NTA	559CO	DAVE	5	CW	559
10-29-200303:27	K9DI	599IL	WAYNE	5	CW	559
10-29-200303:32	VA6RF	559AB	EARL	5	CW	559
10-29-200303:33	WD7Z	559NM	DAVE	5	CW	559
10-29-200303:35	K6A	559CA	DON	5	CW	559
10-29-200303:36	AK7Y	559AZ	GREG	5	CW	559
10-29-200303:37	W8YMO	559OH	LARRY	5	CW	559
10-29-200303:39	WB4X	559NC	BRENT	5	CW	559
10-29-200303:40	WE9K	559WI	GLENN	5	CW	559
10-29-200303:41	KC2CK	559NY	DON	5	CW	559
10-29-200303:50	K0PC	559MN	PAT	5	CW	559
10-29-200303:51	K3ESE	559PA	ROY	5	CW	559
10-29-200303:53	K8CV	559MI	WALT	5	CW	559
10-29-200303:54	NV4V	559FL	STEVE	5	CW	559
10-29-200303:56	KG6WP	559CA	WARD	5	CW	559
10-29-200303:57	KI0BY	599CO	STEVE	5	CW	559

Wayne_W5KDJ

Ex: SV0WWW_TF2WJN *e-QSL*

ARS_1392 ARCI_11325 FP_626

FISTS_10060 SOC_538 ARRL HQRP

Date: Wed, 29 Oct 2003 22:50:03 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <w5yr@att.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [160330] Re: Soldering Coax fittings question

Message-ID: <007b01c39e99\$d0702060\$0200a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Yeah, Mike - we are on the same page! <:}
>
> Those two different thread taper standards are, I think, metric and SAE
but
> not sure.

I forget which is which. One is almost a 'straight cut', and the other
has
a bit of what's called 'pipe taper'.

If you match A-A or B-B, no problem. And even A fits on B with no
problem. But if you put B on A, then the shell tightens down all the way
and 'bottoms out' without being tight. The slightest vibration causes the
shell to loosen up. Or in some cases there isn't a solid shield
connection in the first place!

Mike

Date: Thu, 30 Oct 2003 04:05:44 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: qrp-l@lehigh.EDU
Subject: [160331] W5KDJ LOG PROBLEMS
Message-ID: <20031029.200609.9511.134491@webmail08.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

I guess the qrp-l administrator sent my log, I haven't seen it posted
but am getting corrections. I cannot find out how to turn off HTML in
Juno.com and qrp-l will not accept HTML or attachments. I worked with
the administrator for a couple of hours tonite and we finally gave up.
Send your corrections and I will figure out how to make this thing work
ASAP.

Wayne_W5KDJ
Ex: SV0WWW_TF2WJN *e-QSL*
ARS_1392 ARCI_11325 FP_626
FISTS_10060 SOC_538 ARRL HQRP

Date: Wed, 29 Oct 2003 22:28:25 -0600
From: k9di@k9di.org
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160332] Team Air Pork: Report on first hunt.
Message-ID: <20031030042826.59790.qmail@peter.logonix.net>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Wayne K9DI es Patriot here. I was just looking through the logs submitted by the FoxII es tallying up the pelts Team Air Pork collected last night.

Wayne K9DI 1
Mike KD5KXF 2 plus truffle
Jerry N0JRN 2 plus truffle
Dave AG4PJ 2
Randy W9HL 1

-
We snagged a total of eight pelts out of a possible total of 10. I think think Team Air Pork did well in representing the FP's. I would like everyone to give Mike, Jerry, es Dave a round of applause fer snagging 2 pelts!!

The QRM was just plain AWFUL!!! Had one "Op" tune up right on top of me zero beat, nearly blew my eardrums out. I'd like to thank the FOXII fer being downrange so us Hounds could skin them!! I'm REALLY looking forward to Next Weeks hunt!!

73

de

Wayne K9DI

Date: Wed, 29 Oct 2003 22:33:8 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [160333] Great first FOX evening!
Message-ID: <412003104304338858@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Thanks one and all for a great first pair of FOX hunts. Gotta tell ya, it is exciting to read the postings. I missed these hunts, due to a previous commitment. Hopefully next week, though.

Anyway....there are 38 more hunts coming. GL everyone for lots of fun and success.

73,
--Doc/K0EVZ

Date: Thu, 30 Oct 2003 00:09:50 +0100
From: "Sverre Holm" <la3za@qsl.net>
To: <gm4slv@btopenworld.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [160334] RE: did the flare flare?
Message-ID: <001201c39e71\$c4582570\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> Here in Shetland (60=B0N) HF is pretty much totally dead due to=20
> huge PCA, that's what you get for living in the Auroral Zone!

Turn on your radio on 10 meters or 6 meters: Plenty of aurora in
Northern Europe from 22-24 UTC!=20

It's the first time I have worked aurora, so this was fun, even with 10
W CW and a horizontal loop. I must have been lucky and got one of the
lobes pointing north!

--
73,=20
Sverre,
59 deg North near Oslo, Norway

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Thu, 30 Oct 2003 00:11:14 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160335] Re: Power Calculations
Message-ID: <200310300011.14450.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Wednesday 29 October 2003 08:37 pm, K4BYF@aol.com wrote:
> Am I right to assume that the right formula for calculating the RF output
> of a CW signal provides a Peak to Peak RMS answer using the product of PEV
> and 0.3535 squared, divided by the load resistance, while the formula for
> calculating an SSB output gives a PEP answer using the product of PEV and
> 0.707 squared, divided by the load resistance? 72 de Jack, K4BYF

Deja-vu

$$(V_{p-p} * V_{p-p}) / (8 * \text{load-resistance-in-ohms}) = P_{w-r-in-watts}$$

for instance 40 Volts peak to peak squared =1600
then divide the 1600 by 400 (if using a 50 ohm load) = 4 watts out

Hope that helps.

es Vy 72;

Bob
w9ya

Date: Thu, 30 Oct 2003 00:13:29 -0500
From: tjennin2@rochester.rr.com
To: qrp-1@Lehigh.EDU
Subject: [160336] Fox: What happened to the TX/NY duct last night?
Message-ID: <3FA057A9.4077.77121516@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Content-description: Mail message body

I can't believe how weak Wayne, W5KDJ, was up here in NY and how difficult it was for me to work him. He was barely audible all night with lots of drop outs. Usually you guys in Texas are strong here and there are lots of you to boot!!

It was a fun first night.

73,

Tom, kv2x

Date: Thu, 30 Oct 2003 00:41:27 -0500

From: Peter Burbank <peterlee@qx.net>

To: tjennin2@rochester.rr.com,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [160337] Re: Fox: What happened to the TX/NY duct last night?

Message-ID: <5.2.0.9.0.20031030003657.00a254b0@mail.qx.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:13 AM 10/30/2003, tjennin2@rochester.rr.com wrote:

>I can't believe how weak Wayne, W5KDJ, was up here in NY and how difficult

>it was for me to work him. He was barely audible all

>night with lots of drop outs. Usually you guys in Texas

>are strong here and there are lots of you to boot!!

>It was a fun first night.

>73,

>Tom, kv2x

Tom,

I think the band was pretty short. Mert was loud in Ky but took a while to find Wayne and pretty close

to an ESP copy.

73 Pete NV4V

Date: Wed, 29 Oct 2003 21:58:47 -0800 (PST)

From: Tom Sevarth <n2uhc@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [160338] Re: did the flare flare?

Message-ID: <20031030055847.51489.qmail@web9606.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I was on 20 CW today at around 2000 UTC when the flare was supposed to hit. The station I was in QSO with started getting fluttery like a signal sounds when coming over the Pole. I signed with him and another station called the station I signed with, and it sounded fluttery too. I tuned around and some signals sounded like that while others were pure CW signals.

=====

Tom Sevalt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Exclusive Video Premiere - Britney Spears
<http://launch.yahoo.com/promos/britneyspears/>

Date: Thu, 30 Oct 2003 01:19:21 -0600
From: "George, W5YR" <w5yr@att.net>
To: <w5kdj@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160339] Re: W5KDJ FOX Log
Message-ID: <02b201c39eb6\$249c5ed0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wayne, it was a real thrill and honor to start this season by being the first Hound in your log. Thanks for tuning so far up - I was really taking a chance getting that far up but figured that you would start high and work down. At least you started high! <:}

Please excuse the dupe at 0244. There was a lot of QRM on your response to my exchange on the first shot at 0200Z and I got to worrying that perhaps you had really gone back to someone else. So I worked in an insurance contact when you didn't seem too busy. Sorry if that messes up your log . . .

You were really pounding in up here near Dallas, Wayne, and that rig sounded like a million dollars - beautiful CW note and keying. Not bad operating either! <:}

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"Starting the 58th year and it just keeps getting better!"
w5yr@att.net

----- Original Message -----

From: "Wayne_W5KDJ" <w5kdj@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 29, 2003 9:54 PM
Subject: W5KDJ FOX Log

>
> You hounds really gave me a workout. The last 30 minutes of the hunt
> were like pulling chickens teeth. There were about 8 stations up to
> the last minute calling but I could not pull them out. I had keyer
> and logging problems which caused me to say a few awwwww shucks.
> C Ua'll Jan. 6. Any corrections let me know.
>
> 10-29-200302:00 W5YR 559TX GEORGE 5 CW 559

Date: Thu, 30 Oct 2003 01:22:36 -0600
From: "George, W5YR" <w5yr@att.net>
To: <w5kdj@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160340] Re: W5KDJ LOG PROBLEMS
Message-ID: <02ca01c39eb6\$9876e0f0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Received your log in Plain Text at 9:54 pm this evening, Wayne.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"Starting the 58th year and it just keeps getting better!"
w5yr@att.net

----- Original Message -----

From: "Wayne_W5KDJ" <w5kdj@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, October 29, 2003 10:05 PM

Subject: W5KDJ LOG PROBLEMS

>
> I guess the qrp-l administrator sent my log, I haven't seen it posted
> but am getting corrections. I cannot find out how to turn off HTML in
> Juno.com and qrp-l will not accept HTML or attachments. I worked with
> the administrator for a couple of hours tonite and we finally gave up.
> Send your corrections and I will figure out how to make this thing work
> ASAP.
>
>
> Wayne_W5KDJ
> Ex: SV0WWW_TF2WJN *e-QSL*
> ARS_1392 ARCI_11325 FP_626
> FISTS_10060 SOC_538 ARRL HQRP

Date: Thu, 30 Oct 2003 06:53:19 -0500

From: "John Huffman" <hjohnc@core.com>

To: <adventureradiosociety-announcements@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [160341] November Spartan Sprint Announcement

Message-ID: <00bb01c39edc\$6b0fb0d0\$e7ac59cf@jhuffman1t>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Spartan Sprint Contest Monday -

Still have energy left after Sweepstakes? Not enough solar flares to keep you challenged? Just need a contest to forget about Halloween? Need something to do until election day? We have your solution - the November Spartan Sprint!

The November Spartan Sprint will be held on Monday, November 3, 2003 (which is our standard date--the first Monday of the month). It's two hours of fun as you contact other QRP CW stations on 80, 40, 20, 15, and/or 10 meters. The contest starts at 9 pm EST, 8 pm CST, 7 pm MST, and 6 pm PST. That's

0200-0400 UTC.

The Spartan Sprint exchange is RST - State - Power (e.g. 559 MI 5W).
Contest details and rules are below.

This month we are trying something a little different. In your Soapbox comments after the contest, start by listing your radio and antenna. We think everyone would be interested in this information.

We will continue our special recognition for those who operate outdoors. If you operate outdoors, please note it in your Soapbox comments after the contest.

If it's portable and outdoors, it's Adventure Radio!

NOTE - The deadline for logs is noon on Wednesday, Pacific Time.

The web site is www.ARSqrp.com and you'll find the autolog there. The autolog page is www.ARSqrp.com/ars/ss_log.html We've made a few changes there to clarify what information goes in each box.

Good luck on Monday!

Contest Rule Summary -

You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+-.

We commend the winners in two categories--overall points (the Tubby Division), and points per pound (the Skinny Division). We show everyone's score in both categories.

The exchange RST, SPC (state, province or country) and power output.

If you choose to call CQ, use the format "CQ SP".

You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.ARSqrp.com/ars/ss_log.html

"Station Weight" is defined as the combined weight of all transmitters, receivers, keys, keyers, batteries, and power supplies used during the Sprint. The specifics of our weight rules for the Skinny Division can be

found at:

www.ARSqrp.com/ars/pages/spartan_sprints/ss_weight_rules_new.html

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday at noon.

73 de NA8M

John

Contest Manager

Date: Thu, 30 Oct 2003 06:04:34 -0600
From: Mark Milburn <mark.milburn@ispwest.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [160342] Iowa QRP Club CW Net
Message-ID: <3FA0FE52.C8B2559A@ispwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hmmm...a challenging night for the net, but we had several intrepid participants:

KQ0I	Mark	Iowa
AA0XJ	Jim	Iowa
WB0T	Jerry	Iowa
KE0FT	John	Iowa

Nice going, guys, and maybe next week we can try it without the x flares.

72 Mark KQ0I
Des Moines, Iowa

Date: Thu, 30 Oct 2003 08:30:31 -0800
From: "Sergio T. Ruiz" <sergio@philway.com>
To: qrp-l@Lehigh.EDU
Subject: [160343] Re: PIC-Nick: Pre-talking the PIC pack
Message-ID: <5.1.0.14.0.20031030082707.00ba0b80@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 20:47 10/29/2003 -0800, you wrote:

>I'm getting antsy waiting for this PIC flower to bloom and am doing some
>preliminary stuff that I hope won't prove counter-productive.

i hate to ask a question that has probably been asked a million times.. but
being the huge pic dork that i am

can you point me to more information on this project?

also..

i tried like mad to get a contact on 40 and 20 last night.. and all i heard
was mad noise..

i did hear w9zn calling cq over and over.. but for whatever reason, he
could not hear me... i think i have to check my counterpoise or something..
i did order an artificial ground today, though.. thanks bruce!

i will try to get some contacts during sw this weekend.. just to make sure
my little hw-8 is working ok..

thanks!

Sergio T. Ruiz
technology and MIS
Philway Products, Inc.
(419) 281-7777 x232

Date: Thu, 30 Oct 2003 06:34:14 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Wayne_W5KDJ <w5kdj@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160344] Re: W5KDJ LOG PROBLEMS
Message-ID: <Pine.LNX.4.44.0310300631001.4680-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Oct 2003, Wayne_W5KDJ wrote:

>
> I guess the qrp-1 administrator sent my log, I haven't seen it posted
> but am getting corrections. I cannot find out how to turn off HTML in

Yes Wayne your log appeared and I saw it twice on the QRP-L list.

There must be a way to turn off HTML on Juno. Have a look at the help files. I know Outlook Express on windoz is default HTML but you can turn it off as I have done to many friends computers.

> Juno.com and qrp-l will not accept HTML or attachments. I worked with
> the administrator for a couple of hours tonite and we finally gave up.
> Send your corrections and I will figure out how to make this thing work
> ASAP.

>

>

> Wayne_W5KDJ

> Ex: SV0WWW_TF2WJN *e-QSL*

> ARS_1392 ARCI_11325 FP_626

> FISTS_10060 SOC_538 ARRL HQRP

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 30 Oct 2003 10:53:48 -0500

From: John Farnsworth <jfarnsworth@direcway.com>

To: "qrp-l@Lehigh. EDU" <qrp-l@Lehigh.EDU>

Subject: [160345] To beat or not to zero beat . . .

Message-ID: <DIEHLGHLBGPNJENLGEBKIEHICBAA.jfarnsworth@direcway.com>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

I hope to tap the incredible experience of this list with an unabashed plea for help. Thanks in advance for the bandwidth.

In short, what is the best way to zero beat an oscillator to dead-nuts right on frequency?

I know about wwv, etc, but it seems that I can't get a real close zero beat by ear most of the time. I've got one of Diz's 10MHz standards, and want to trim it EXACT. I am in the final stages of building the power supply and rs-422 converter for one of those HP GPS receivers with a 10MHz output that

is locked to the sattellites, supposedly to 10e-9 or so accuracy. So how do I transfer that accuracy to my oscillator?

I have a scope with x-y inputs. Can I put both 10MHz signals into it and dial for a circle? Or should I hetrodyne them both down (with the same oscillator) to a much lower frequency to make it easier?

Or send them both into some sort of phase comparator?

Or is this way off track and there is some better/easier way?

Or there isn't, there's a harder way that works, and it is . . . ???

I'm betting there are numerous people on the list that have been there and done that, and am hoping they can share their experiences. TIA and 72/3,
John

Date: Thu, 30 Oct 2003 10:55:06 EST
From: JClinton46@aol.com
To: qrp-l@lehigh.edu
Subject: [160346] used ham equipment prices
Message-ID: <b9.384d86f3.2cd28e5a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Not really QRP but could be. A relative has some nice Heath equipment (Heath SB101, PS and VFO; plus Cushcraft vert.) he is taking to a hamfest but doesn't know how much to ask. I once had several url's for used equipment prices, but no more. I did the Google thing but could not find useful sites. (Bry's Boneyard doesn't seem to be very current)

Help. Got any favorite, working sites for used ham equipment?
Thanks in advance.

Clint Poss
KE4FDT

Date: Thu, 30 Oct 2003 11:47:08 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Flying Pigs" <fpqrp-l@fpqrp.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [160347] Parts for sale

Message-ID: <000e01c39f05\$75ba6ab0\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Junkbox Surplus Parts for Sale - 10-30-03

=====

I have about 100 excess pcs of 5.000 Mhz crystals. These are the miniture crystals. Tiny round crystals with two wire leads, I think I've seen these in watches.
The whole pile for \$8.00

DPDT slide switches - these are .75 inch by .5 inch - 5 for a buck

I have surplus 50K 1 Turn linear taper pots, about 25 each. These are chassis mount pots with the nut. About the size of a nickle, and about 1/2 inch deep with a 1/4 inch shaft about 1/2 inch long.
5 for \$5.00 including USA shipping.

9.8304 Mhz Crystals, 1/4 in tall - 20 for \$5.00

27mH inductors with radial leads - 25 for \$3.50

2.5/5.5mm Coaxial Power Jacks for PCB insertion or Manhattan install
10 for \$2.50

L7805ACV - 5v Regulator, 1.5A, T0220 Format - 10 for \$2.50
LM317T Adjust. Positive Voltage Regulator T0220. 10/\$5.00

Caps - All new, old stock. No pulls.

=====

All listed caps now 50/\$3 or 100/\$5

=====

8pf NPO Ceramic - Loose
11pf NPO Ceramic - Loose
12pf NPO ceramics on tape
22pf Kemet Ceramic Caps, 200v, 10%
150pf ceramics, 100v, 10%
470pf Ceramics on paper tape, rated 5% (NPO)
560pf Kemet Ceramic Caps, 200v, 10%
1000pf blue mono caps, 10% 100v
3300pf Kemet Ceramic Caps, 100v, 10%
.01 uF ceramic caps, 10% 100v brand new by Kyocera
and
.01 uF ceramic caps, 20% 50v, new old stock, not used
50/2.50 100/\$4

TP2222 plastic T092 NPN (House brand 2N2222) 50/\$4 100/\$7
2N3904's plastic T092. NPN - 50/\$4 100/\$7
2N3704's plastic T092, NPN - 50/\$4

LM386N-1 - Audio Amps 5 for \$3.00
LM741CN - Single Op Amp, 8 Pin Dip, 6 for \$3.00
<http://www.hep.ph.ic.ac.uk/~hallg/Instrumentation/Data/LM741.pdf>

Diodes

=====

1N4148 - You always need these. 100 for \$2.50

Let me know if you're interested. All prices are post paid to the USA, unless otherwise noted. I will ship to non USA addresses but we need to discuss the shipping charges first.

=====

KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w
Member of the ARRL - SOC #400
FISTS 5695 CC 764 FPQRP #-57

=====

Date: Thu, 30 Oct 2003 09:23:13 -0800
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [160348] Reminder QRPacificon Compendium Ordering Deadline Approaching
Message-ID: <02b201c39f0a\$7feaf5e0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys the deadline for ordering your QRPacificon Compendium is Nov. 3. We need to let the printer know by that date the number of copies to print. If you have ordered by paypal, we have your order, if you ordered by snail mail, you need to send an email to ak1p@amqrp.org to let us know that you have ordered so we can have a copy printed for you. I suspect that we will be shipping at the end of next week, hopefully.

To order a compendium go to www.amqrp.org and scroll down until you see

QRPacificon Proceedings and click on the button, or you can go to:
<http://www.amqrp.org/pacificon/proceedings.html>
either way, the full ordering information is there. While you are there,
check out the info on the exciting new AmQRP kit, The Micro908. 72, Doug

Date: Thu, 30 Oct 2003 12:40:29 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <jfarnsworth@direcway.com>, <qrp-l@Lehigh.EDU>
Subject: [160349] Re: To beat or not to zero beat . . .
Message-ID: <3FA14D0D.000001.00256@etower>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

=0D
There are probably mega\$ ways of doing it. Your success is probably goin=
g
to be less dependent on your detector methodology than your ability to
adjust the frequency in small enough increments with what ever trimmer yo=
u
use. For a detector all you need is a receiver (does not need to be
particularly stable) with an S-meter (does not need to be calibrated in a=
ny
way) that can tune to the oscillator frequency. Feed about the same signa=
l
level from your oscillator and the frequency standard (GPS output) into t=
he
receiver. When they are somewhat close in frequency you will hear the
heterodyne audibly adjust toward zero beat. When you can no longer hear a
tone, watch the S meter. As you get the two signals nearer the same
frequency you will see it going up and down. The slower it does so, the
closer you are in frequency. If it goes up and down once a second, you ar=
e
within one Hz. Once and down in 10 seconds, you have it to 1/10 Hz. How
accurate do you want to get? The sky is the limit, if you can adjust that
accurately. Let us know how you make out!=0D
73/72 - Mike WA8BXN

Date: Thu, 30 Oct 2003 10:44:46 -0700
From: KJ7UN <kj7un@kj7un.com>
To: qrp-l@Lehigh.EDU
Subject: [160350] Hello all - back on the list after a long absence.
Message-ID: <3FA14E0E.5020509@kj7un.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Hello! I'm back on the list after being gone a long time. My QRP-L number is 790. My name is Laura and I am KJ7UN. Nice to be back and see all the posts. I've missed the fox hunts - are any of you still doing them? I'm getting my cw skills back "up to code" and hopefully can participate in the next hunt... if you're still doing them. Very glad to be back!! 73 de KJ7UN

Date: Thu, 30 Oct 2003 11:52:32 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: qrp-l@lehigh.edu
Subject: [160351] FOX log corrections W0UFO
Message-ID: <BAY3-F13seWk6AWZLFy00019e22@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

FOX 29 Oct UTC log W0UFO Correction #1

0201	N3BJ	579	VA	ALAN	5W
2	K3IU	559	RI	KEN	5W
2	W0CH	559	MO	DAVE	5W
3	AD6JV	559	VA	BILL	5W
3	N9KW	599	IL	JOHN	5W
4	N4ROA	599	VA	DAN	5W
5	W2AGN	579	NJ	JOHN	5W
6	K3PH	559	PA	BOB	5W
7	K4ADI	559	SC	FRANK	5W
8	W8YMO	559	OH	HARRY	5W
9	AG0T	559	ND	TODD	4W
9	W5YR	559	TX	GEORGE	5W
10	N0EA	559	MO	WAYNE	5W
11	K2ZN	579	NY	AL	5W
12	W5TB	559	TX	DOC	5W
12	W5USJ	559	TX	CHUCK	5W
13	N8IE	559	OH	DAN	5W
15	KB9YIG	579	IN	TONY	2W
16	K8KFJ	579	WV	GARY	5W
17	KI0II	559	CO	RON	5W
17	KC5LD	569	TX	DAN	5W
18	W8DIZ	599	OH	DIZ	5W
19	K90Z	559	IL	BRUCE	5W

19	N1TP	559	FL	TOM	5W
20	K5JHP	559	TX	BILL	5W
21	N0JRN	559	MO	JERRY	5W
22	N5UW	579	OK	CLIF	5W
23	KV2X	559	NY	TOM	5W
24	W4DU	579	GA	KEN	5W
25	WB4X	559	NC	BRENT	5W
26	KJ0C	559	MO	JIM	5W
27	K8MIA	559	WV	JIM	5W
28	N8VAR	559	OH	RON	5W
29	WA8BXN	559	OH	MIKE	5W
29	W9JOP/4	559	VA	BOB	150MW
30	KC2CK	559	NY	DON	5W
32	K5E0A	559	LA	WAYNE	5W
33	KW4JS	559	TN	JOHN	5W
34	AA50	559	LA	VERN	5W
35	K4BYF	559	FL	JACK	3W
37	N5ZE	559	TX	LEW	5W
37	W7ILW	559	AZ	WALT	5W
38	WS4S	559	TN	CONARD	5W
39	N0TK	559	CO	DAN	5W
40	VE6EX	559	AB	DAN	5W
40	KC9LC	559	VA	RANDY	5W
42	K50I	559	OK	TIM	5W
43	NF0R	579	MO	DAVE	5W
45	KR0U	559	CO	TIM	5W
45	VA6RF	559	AB	EARL	5W
46	NZ4E	559	VA	MARC	5W
47	NV4V	559	KY	PETE	5W
48	N3ZPQ	559	OH	FRANK	4W
49	AF4LQ	559	KY	MIKE	5W
52	K6VNX	559	CA	ARLEN	5W
53	NK6A	559	CA	DON	5W
55	AC7A	559	AZ	TOM	5W
56	K4BAI	569	GA	JOHN	5W
57	AB9CA	559	AL	DAVE	5W
58	K5DI	559	NM	KARL	5W
58	N5IB	559	LA	JIM	5W
59	KB2FEL	559	WV	BOB	3W
0300	N4IM	579	TX	COLE	5W
01	K5SR	559	TX	DALE	5W
04	KD5CMN	559	TX	MIKE	5W
04	W2XN	559	FL	FRED	5W
06	N5YFC	559	LA	WAYNE	5W
08	N1FN	559	CO	ET	5W
09	K6XR	559	CA	REGGIE	5W
10	K3ESE	559	MD	LLOYD	5W
11	W9XT	559	WI	GARY	5W

12	N4DD	559	TN	DENNIS	5W
13	AJ4AY	559	AL	JAY	5W
13	NK9G	559	IL	RICK	5W
15	AA7EQ	559	AZ	BOB	5W
16	AB8DF	559	MI	ED	5W
17	K2QO	559	NY	MARK	5W
20	N5EB	559	TX	KEN	5W
21	KD5KXF	599	TX	MIKE	5W
22	N9AW	559	WI	TERRY	5W
23	WA9TZE	559	WI	JIM	5W
24	N0IT	559	MO	DAVE	5W
29	WA8NTA	559	CO	DICK	5W
30	WD8WTU	559	OH	DENNIS	5W
32	K0YWD	559	MT	SKIP	3W
36	WD7Z	559	NM	DAVE	5W
38	AK7Y	559	AZ	GREG	5W
39	KD5UDB	559	LA	CHRIS	5W
40	W2LJ	559	NJ	LARRY	4W
41	WA8ZBT	559	TX	DENNIS	5W
42	AB8FJ	559	OH	TED	5W
45	W4CCU	559	FL	DAVID	80W
57	K8CV	559	MI	WALT	5W
59	AG4PJ	559	AL	DAVE	5W
59	KG6WP	559	CA	HOWARD	5W

0400 W5KDJ FOX

0400 W0UFO FOX

w0ufo@arrl.net

w0ufo@arrl.net

Add MSN 8 Internet Software to your current Internet access and enjoy patented spam control and more. Get two months FREE!
<http://join.msn.com/?page=dept/byoa>

Date: Thu, 30 Oct 2003 11:55:05 -0600
 From: "Tony Martin W4FOA" <w4foa@comcast.net>
 To: <JClinton46@aol.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
 Subject: [160352] Re: used ham equipment prices
 Message-ID: <006b01c39f0e\$f3aa7920\$6401a8c0@Delll dude>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try this one, at least for the Heath stuff.
GL
Tony, W4FOA

<http://www.d8apro.com/bluebook.htm>

----- Original Message -----

From: <JClinton46@aol.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, October 30, 2003 9:55 AM

Subject: used ham equipment prices

> Not really QRP but could be. A relative has some nice Heath equipment
(Heath
> SB101, PS and VF0; plus Cushcraft vert.) he is taking to a hamfest but
doesn't
> know how much to ask. I once had several url's for used equipment prices,
but
> no more. I did the Google thing but could not find useful sites. (Bry's
> Boneyard doesn't seem to be very current)
>
> Help. Got any favorite, working sites for used ham equipment?
> Thanks in advance.
>
> Clint Poss
> KE4FDT

Date: Thu, 30 Oct 2003 12:12:52 -0600
From: "sjolin" <sjolin@swbell.net>
To: "Qrp-l Reflector" <qrp-l@Lehigh.EDU>,
"VHF Reflector" <vhf@W6YX.stanford.edu>
Subject: [160353] CME from the X10 hit at 1700 utc today.
Message-ID: <0fc701c39f11\$710c7c90\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

IMPACT: A coronal mass ejection (CME) swept past Earth today, Oct. 30th, at
approximately 1700 UT. Conditions are favorable for a strong geomagnetic

storm as a result of the impact. The CME (movie) was hurled toward our planet yesterday by an X10-class explosion from giant sunspot 486. Sky watchers should remain alert for auroras.

Date: Thu, 30 Oct 2003 13:30:26 -0500
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160354] IC 2800
Message-ID: <005901c39f13\$e4a32d00\$6501a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Does anyone have an Icom IC 2800 for sale?

John Paul, Raleigh, NC [AB4PP]//NNN UTV
<http://www.knightlites.org>
"We all take different paths in life, but no matter where
we go, we take a little of each other everywhere."

Date: Thu, 30 Oct 2003 10:41:36 -0800
From: Adam Farson <farson@shaw.ca>
To: JClinton46@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [160355] RE: used ham equipment prices
Message-ID: <BLEKJMCJBOEAAIECDNNCEEBIHGAA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Clint,

A page on my site which provides a pricing guide for used Icom HF gear may be of help.

<http://www.qsl.net/ab4oj/icom/oldicom.html>

Cheers for now, 73,
Adam VA7OJ/AB4OJ

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of JClinton46@aol.com

Sent: Thursday, October 30, 2003 07:55

To: Low Power Amateur Radio Discussion

Subject: used ham equipment prices

Not really QRP but could be. A relative has some nice Heath equipment (Heath SB101, PS and VFO; plus Cushcraft vert.) he is taking to a hamfest but doesn't

know how much to ask. I once had several url's for used equipment prices, but

no more. I did the Google thing but could not find useful sites. (Bry's Boneyard doesn't seem to be very current)

Help. Got any favorite, working sites for used ham equipment?

Thanks in advance.

Clint Poss

KE4FDT

Date: Thu, 30 Oct 2003 13:48:15 -0500

From: kwike@gdls.com

To: qrp-l@Lehigh.EDU

Subject: [160356] OT- Linux OS

Message-ID: <0F140B54E3.DDEA0934-0N85256DCF.00670FCE@gdls.com>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

I do not want to start a OS war but I thought most on the list would find this interesting.

U.S. ARMY'S 'GOING TO LINUX' AFTER OS SWITCH FOR GI PDA - The U.S. Army has abandoned Windows and chosen Linux for a key component of its "Land Warrior" programme, according to a report in National Defense Magazine. The move, initially covering a personal computing and communications device termed the Commander's Digital Assistant (CDA), follows the failure of the previous attempt at such a device in trials in February of this year, and is part of a move to make the device simpler and less breakable.

According to program manager Lt. Col. Dave Gallop this is part of a broader move towards Linux by the U.S. Army: "Evidence shows that Linux is more stable. We are moving in general to where the Army is going,

to Linux-based OS." The trials of the earlier version, at Hunter Airfield in Georgia, showed it exceeding the permitted one mission failure per 158 hours, not having sufficient battery life and having its communications obstructed by trees. The latter objection seems a little harsh to us, given that trees are pretty hardware - and OS-agnostic, but what do we know?

The new devices are to be compatible with the new Stryker infantry vehicle, and hence come under the title Land Warrior Stryker Interoperable (SI). The previous was the LW-IC (Initial Capability). The LW-SI is intended to use the Stryker as a base station for recharging and downloading battlefield information, which would appear to provide a work around for the limitations of the currently available communications systems. (Source: The Register)

Ed AB8DF

Date: Thu, 30 Oct 2003 14:12:03 -0500
From: "Fred \(\VE3FAL\)\" <flesnick@tbaytel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160357] Not seeing post
Message-ID: <014c01c39f19\$b42f3fa0\$4f04d3d8@flesnick>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Ok did another change from home here, and lets see what happens.
Not sure of why my posts are not getting back to me, or why I am not seeing them.

Fred
VE3FAL

Date: Thu, 30 Oct 2003 13:15:43 -0600
From: <jimlarsen2002@alaska.net>
To: qrp-l@lehigh.edu
Subject: [160358] Announcing the Great Alaska Ptarmigan (GAP) Hunt
Message-ID: <2215da21b89e.21b89e2215da@acsalaska.net>
MIME-Version: 1.0
Content-Language: en
Content-Type: text/plain; charset=windows-1252

Content-Transfer-Encoding: quoted-printable

The plan calls for up to a dozen Alaska Ptarmigan for you to hunt=2E We =
will spread them out in the bushes all the way from 14=2E027 to 14=2E063 =
plus or minus qrm=2E =

The Great Alaska Ptarmigan (GAP)

Hunting=3A Ptarmigan hunting is fun=2E You never know what to expect from= one trip to the next=2E (Yup=2C that is Alaska QRP) On opening day you t= ramp through colorful thickets of willow and dwarf birch=2C your dog nosing coveys of = brown birds out of the brush while you mop your brow and wish you hadn=92t put =

Anchorage=2C Alaska
http=3A//www=2Eqs1=2Enet/al7fs

Date: Thu, 30 Oct 2003 11:16:19 -0800
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [160359] Re: PIC-Nick: Pre-talking the PIC pack
Message-ID: <08D18BEFE0F59E4EB2BB78107B5A5271017378D8@blaze.bcsc.gov.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Will the programmer that Dave Ek uses in his NJQRP series work for the upcoming PIC course? I have built that one and downloaded all of the programing software from the Microchip site.

Doug VA7DD

Date: Thu, 30 Oct 2003 12:18:32 -0700
From: w5xe@juno.com
To: qrp-1@lehigh.edu
Subject: [160360] Re: Hello all - back on the list after a long absence.
Message-ID: <20031030.121832.-166632527.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Welcome Back. Nice to see you on the list again.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Thu, 30 Oct 2003 14:21:38 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [160361] DC-DC 12v converters (and the EPS-1)?
Message-ID: <11f.26ef55dc.2cd2bec2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have not read much over the years about utilization of DC-DC converters where when the battery voltage drops below 12v a constant 12v supply is maintained. Embedded Research used to supply a kit called the EPS-1 and good for max constant demand of 500ma.

With QRPers trying to squeeze the most out of their battery packs one would tend to think these would be more commonplace. Any of you using these DC-DC converters? Comments on experience with these?

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Thu, 30 Oct 2003 12:28:01 -0700
From: Earl Murphy <VA6RF@telus.net>
To: QRP-L@lehigh.edu
Subject: [160362] WANTED TO BUY
Message-ID: <3FA16640.A361B484@telus.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone have an NC-20 (unbuilt) kit for sale???

please email me direct....Tnx....72..Earl (VA6RF)

Date: Thu, 30 Oct 2003 11:29:01 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [160363] Re: CME from the X10 hit at 1700 utc today.
Message-ID: <20031030192901.GA27919@n7xy.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Oct 30, 2003 at 12:12:52PM -0600, sjolin wrote:

> IMPACT: A coronal mass ejection (CME) swept past Earth today, Oct. 30th, at
> approximately 1700 UT. Conditions are favorable for a strong geomagnetic
> storm as a result of the impact. The CME (movie) was hurled toward our
> planet yesterday by an X10-class explosion from giant sunspot 486. Sky
> watchers should remain alert for auroras.

>From my DX cluster:

Date	Hour	SFI	A	K Forecast	Logger
30-Oct-2003	15	279	180	5 EXTREME T5-R3-S4 BLACKOUTS	<K6YK>

The only recent spots are on 40, 10 and 6 meters. Presumably the 10 and 6 signals are scatter from aurora.

--

Bob Nielsen, N7XY
Bainbridge Island, WA

n7xy (at) n7xy.net
<http://www.n7xy.net>

Date: Thu, 30 Oct 2003 14:35:12 -0500
From: "W. K. Harding" <k4ahk@ix.netcom.com>
To: "QRP-L Mail" <qrp-l@lehigh.edu>
Subject: [160364] Free PC Bd Software
Message-ID: <410-2200310430193512328@ix.netcom.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

For those interested in laying out their own PC boards, there is an article in the Oct 27 issue of Electronic Design about Cadstar Express. It is a fully functional version of Cadstar 6.0 with pin and component limits of 30 and 50 respectively. Users have access to an online library of over 100,000 components. Board size can be up to 100 square meters and anything from a single layer to multilayers. A do-it-yourself manual guides new users through two board designs from schematic capture to output for board manufacture.

You can read about it at:

http://www.cadstarworld.com/down_express.asp

(Note the underline between down and express.)

Bill - K4AHK
Burke, VA FM18

Date: Thu, 30 Oct 2003 12:41:59 -0700
From: "Ron Pyle" <raple@gwtc.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160365] Re: W5KDJ LOG PROBLEMS
Message-ID: <025201c39f1d\$e24d4a90\$65aafb40@yourjbuypagwhk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> There must be a way to turn off HTML on Juno. Have a look at the
> help files. I know Outlook Express on windoz is default HTML but you can
> turn it off as I have done to many friends computers.

May I make a suggestion on this? You can have it both ways, easily. When
sending a message to this list. Simply reply to a message you received from
the list. (of course you change the subject) Outlook Express will
automatically reply in the same format received. That way you can send both
HTML and plain text easily.

Ron
KC0QXU
FP-682
FISTS-10402

Date: Thu, 30 Oct 2003 14:57:54 -0500
From: "Fred \((VE3FAL\))" <flesnick@tbaytel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160366] Bands
Message-ID: <015901c39f20\$1c15b3a0\$4f04d3d8@flesnick>
MIME-Version: 1.0
Content-Type: text/plain;

charset="us-ascii"
Content-Transfer-Encoding: 7bit

Took a listen on 20 meters at 1800z, and was hearing PSK stations, and hearing a few 4 stations on cw with lots of aurora....
I was unable to check the sky the sky here this morning for aurora as it has been cloud covered and snowing for the last few days. Even today is heavy snowfall.
We get some beautiful auroras here all year, and enjoy watching them dance across the sky.
Heres hoping the bands pick up for SS.

Fred
VE3FAL

Date: Thu, 30 Oct 2003 15:04:17 -0500 (EST)
From: <igeq100@iupui.edu>
To: Doug Hendricks <ki6ds@dpol.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [160367] Re: Reminder QRPacificon Compendium Ordering Deadline Approaching
Message-ID: <Pine.GS0.3.96.1031030150249.22857H-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Doug -

Sorry for the QRP-L bandwidth, but your spam blocker won't let my email through to tell you that I ordered a Compendium yesterday.

72,

Richard Meiss, WB9LPU

Date: Thu, 30 Oct 2003 13:11:36 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Ron Pyle <raple@gwtc.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [160368] Re: W5KDJ LOG PROBLEMS
Message-ID: <Pine.LNX.4.44.0310301310100.4680-1000000@bucket.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Oct 2003, Ron Pyle wrote:

> > There must be a way to turn off HTML on Juno. Have a look at the
> > help files. I know Outlook Express on windoz is default HTML but you can
> > turn it off as I have done to many friends computers.
>
>
> May I make a suggestion on this? You can have it both ways, easily. When
> sending a message to this list. Simply reply to a message you received from
> the list. (of course you change the subject) Outlook Express will

My question is: why would you EVER want to send messages in HTML
format?

> automatically reply in the same format received. That way you can send both
> HTML and plain text easily.
>
> Ron
> KC0QXU
> FP-682
> FISTS-10402
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 30 Oct 2003 15:06:10 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160369] Re: OT- Linux OS
Message-ID: <200310301506.10775.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

OH NO !!!!

Not another pro-Linux posting. We can't be having any of this. No way Jose'.
Not here, not now.

Removing my tongue from my cheek.

Bob
w9ya

On Thursday 30 October 2003 01:48 pm, kwike@gdls.com wrote:

> I do not want to start a OS war but I thought most on the list would find
> this interesting.
>
> U.S. ARMY'S 'GOING TO LINUX' AFTER OS SWITCH FOR GI PDA - The U.S. Army has
> abandoned Windows and chosen Linux for a key component of its "Land
> Warrior" programme, according to a report in National Defense Magazine.
> The move, initially covering a personal computing and communications device
> termed the Commander's Digital Assistant (CDA), follows the failure of the
> previous attempt at such a device in trials in February of this year, and
> is part of a move to make the device simpler and less breakable.
> According to program manager Lt. Col. Dave Gallop this is part
> of a broader move towards Linux by the U.S. Army: "Evidence shows that
> Linux is more stable. We are moving in general to where the Army is going,
> to Linux-based OS." The trials of the earlier version, at Hunter Airfield
> in Georgia, showed it exceeding the permitted one mission failure per 158
> hours, not having sufficient battery life and having its communications
> obstructed by trees. The latter objection seems a little harsh to us,
> given that trees are pretty hardware - and OS-agnostic, but what do we
> know?
> The new devices are to be compatible with the new Stryker
> infantry vehicle, and hence come under the title Land Warrior Stryker
> Interoperable (SI). The previous was the LW-IC (Initial Capability). The
> LW-SI is intended to use the Stryker as a base station for recharging and
> downloading battlefield information, which would appear to provide a work
> around for the limitations of the currently available communications
> systems. (Source: The Register)
>
> Ed AB8DF

Date: Thu, 30 Oct 2003 20:24:12 +0000
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [160370] WY to be rare this year
Message-ID: <5.2.1.1.0.20031030202116.01df5b20@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Well after looking at

<http://www.dxl.com/solar/>

and checking with the weather channel and calling the Llama boarding house where I operated from last year and they tell me it is snowing like crazy I have decided to just stay and home this year. So no 2,000 mile round trip this year.....

But the good news is that at least this series of solar events didn't happen during a full moon where we wouldn't be able to see possible aurora activity.

See you during the test.

dit dit

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Moving to Arizona? Please bring your own water.

Date: Thu, 30 Oct 2003 15:32:53 -0500
From: "Fred \(\VE3FAL\) " <flesnick@tbaytel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160371] Old Meters
Message-ID: <016801c39f25\$01d99970\$4f04d3d8@flesnick>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

Not sure if we have any collectors of vintage or older multimeters .But I do have the following that I am willing to sell and get rid of. Most meters are in good cosmetic condition, no probes for a few of them, and I am unable to find some of the manuals. These meters belonged to my Uncle VE3EDA (SK).... Here is what I have:

RCA VoltOhmist Model WV97A
Stark Starkit Model TR60 Transistor Checker
Heathkit utility Voltmeter Model IM-17-This comes in a plastic case
Dumont Type 346 Voltmeter
Heathkit Model V-7A Vacuum Tube Voltmeter

Make me an offer, and see what happens, shipping will also need to be covered.

Thanks
Fred
VE3FAL
Thunder Bay, Ontario

Date: Thu, 30 Oct 2003 15:48:12 -0500
From: "Jeff Imel" <jeffimel@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160372] FS: Icom IC-703 New in Box
Message-ID: <BAY9-DAV21nw42X40hQ0000c9c2@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a new in the box Icom IC-703 HF only (no six meters). It is still in the box, in the plastic with all paperwork and the warrantee card.

\$570.00 with shipping included (US addresses only). If you are not pleased with the rig, ship it back to me in its original condition and I will refund your money less shipping.

Please contact me offline at jeffimel@hotmail.com

Thanks and 73!

Jeff
KB9ZUR

Date: Thu, 30 Oct 2003 16:05:48 -0500 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: <flesnick@tbaytel.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160373] Re: Bands
Message-ID: <3FA17D2C.000001.04060@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

=0D
Bands here in maine at 18:30 were dead.. only signal I heard was a vp5/
calling CQ on 20M but must be one way because numerous calls resulted in=
no
answer.. =0D
Dave =0D

=0D
-----Original Message-----=0D
=0D
From: flesnick@tbaytel.net=0D
Date: Thursday, October 30, 2003 3:29:07 PM=0D
To: Low Power Amateur Radio Discussion=0D
Subject: Bands=0D
=0D

Took a listen on 20 meters at 1800z, and was hearing PSK stations, and=0D
hearing a few 4 stations on cw with lots of aurora....=0D
I was unable to check the sky the sky here this morning for aurora as it=0D
has been cloud covered and snowing for the last few days. Even today is=0D
heavy snowfall.=0D
We get some beautiful auroras here all year, and enjoy watching them=0D
dance across the sky.=0D
Heres hoping the bands pick up for SS.=0D
=0D
Fred=0D
VE3FAL=0D
=0D
=0D
=0D
=2E

Date: Thu, 30 Oct 2003 13:31:57 -0500
From: "Sergio T. Ruiz" <sergio@philway.com>
To: qrp-1@Lehigh.EDU
Subject: [160374] morse code tutor..
Message-ID: <5.1.0.14.0.20031030132841.031a1190@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

i have been thinking about it..

maybe it would be easier just to pick up one of those mfj morse tutors..

before i buy a new one.. anyone have a used one they are trying to unload?

thanks..

Sergio T. Ruiz
technology and MIS
Philway Products, Inc.
(419) 281-7777 x232

Date: Thu, 30 Oct 2003 16:35:24 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: jfarnsworth@direcway.com
Cc: qrp-l@lehigh.edu
Subject: [160375] Re: To beat or not to zero beat . . .
Message-ID: <3.0.6.32.20031030163524.0079e680@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I have a scope with x-y inputs. Can I put both 10MHz signals into it and
>dial for a circle?

>

You can do that, and probably the best way. When you get a perfectly round
and stable circle, the frequencies are identical.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Thu, 30 Oct 2003 16:57:56 -0500
From: "Fred \((VE3FAL\)" <flesnick@tbaytel.net>
To: <hfbeacons@explore.plus.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
Subject: [160376] K0KP beacon 6 meters
Message-ID: <017e01c39f30\$e1069f20\$4f04d3d8@flesnick>
MIME-Version: 1.0
Content-Type: text/plain;

charset="us-ascii"
Content-Transfer-Encoding: 7bit

It is 2153 and just hearing K0KP from Minnesota on 50.072 with my beam to the North under very heavy aurora conditions. It is snowing like a bugger here now, well has been last 2 days. K0KP is the station I hear on any of the bands today.
Just getting ready to head off to work, wish I could stay and operate some aurora tonight.

Fred
VE3FAL

Date: Thu, 30 Oct 2003 14:16:17 -0800
From: "Lyle Johnson" <wa7gxd@fidalgo.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160377] RE: To beat or not to zero beat . . .
Message-ID: <NEBBKGGNGLGOHDJKFAPHMEMFFCAA.wa7gxd@fidalgo.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

> >I have a scope with x-y inputs. Can I put both 10MHz signals into it and
> >dial for a circle?
> >
> You can do that, and probably the best way. When you get a perfectly round
> and stable circle, the frequencies are identical.

Actually, round isn't important, but stable is. "Round" implies clean sine waves with a 90 degree phase shift. Stable implies the frequencies are the same.

Lyle KK7P

Date: Thu, 30 Oct 2003 17:35:01 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [160378] My radios broken!
Message-ID: <3.0.6.32.20031030173501.0079e410@mailhost.ncia.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Man, this is amazing. I can't even hear a single SWBC station! Only thing I can pick up is the local AM station, 1/2 mile away!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Thu, 30 Oct 2003 17:25:55 +0000
From: ve3ab@mail.mondenet.com
To: qrp-l@Lehigh.edu
Subject: [160379] 6 mtr aurora conditions last night..my first qso au
Message-ID: <200310302228.h9UMSp8E018026@webmail.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

6 meters was open last night..around 0000Z I worked W2SPL/1 FN35 and got a 55a report on CW. I gave him 56a. I was using my Ten Tech Transverter(1209) with an old TS700A(the reciever boosted with 3 preamps cascaded!!). My antenna is a single quad loop up about 18 ft. Signals were up and down..but i heard quite a few...even close in (120 miles). and a real nice dx Labrador city..A V02 who was using an IC502 and might have been qrp with only 2 watts..(Im not sure I heard correctly). That is a good 1000 miles or so and he was strong for a while and quite clear. The other sigs were distorted but i could copy. Ill be on again tonight. 73 Earl VE3AB

Date: Thu, 30 Oct 2003 14:41:10 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [160380] RE: To beat or not to zero beat . . .
Message-ID: <20031030224110.63284.qmail@web80603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Lyle Johnson <wa7gxd@fidalgo.net> wrote:

> > >I have a scope with x-y inputs. Can I put both
> 10MHz signals into it and
> > >dial for a circle?
> > >
> > You can do that, and probably the best way. When
> you get a perfectly round
> > and stable circle, the frequencies are identical.
>
> Actually, round isn't important, but stable is.
> "Round" implies clean sine
> waves with a 90 degree phase shift. Stable implies
> the frequencies are the
> same.
>
> Lyle KK7P
>

Its been a while, but I thought a figure 8 indicated
90 degree phase shift and a clean circle was dead nuts
on.

Maybe I should have left the aluminum foil on
yesterday!!

72
Bob
KB2FEL/8

Do you Yahoo!?
Exclusive Video Premiere - Britney Spears
<http://launch.yahoo.com/promos/britneyspears/>

Date: Thu, 30 Oct 2003 16:10:47 -0700
From: "Ron Pyle" <raple@gwtc.net>
To: "Karl Larsen" <k5di@zianet.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160381] Re: W5KDJ LOG PROBLEMS
Message-ID: <02a001c39f3b\$0dcb9b00\$65aafb40@yourjbuypagwhk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> My question is: why would you EVER want to send messages in HTML
> format?

So you may be blessed by a picture of my great beauty. On my own electronic stationary, and font.

Ron
KC0QXU
FP-682

Date: Thu, 30 Oct 2003 18:19:26 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [160382] Re: To beat or not to zero beat . . .
Message-ID: <5.1.1.6.1.20031030181607.00b20288@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:35 PM 10/30/2003 -0500, you wrote:

> >I have a scope with x-y inputs. Can I put both 10MHz signals into it and
> >dial for a circle?

> >

>You can do that, and probably the best way. When you get a perfectly round
>and stable circle, the frequencies are identical.

Steve,

As long as the pattern is stable, it can range anywhere from a diagonal line to a circle and the frequencies are still identical. A circle indicates a 90 degree phase difference between the two signals, a diagonal line is either in phase (if the right end is higher than the left) or 180 degrees out of phase (if it slopes the other way).

For setting frequency, the phase probably doesn't matter a whole lot.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Thu, 30 Oct 2003 16:29:53 -0700
From: "Ron Pyle" <raple@gwtc.net>
To: <sergio@philway.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160383] Re: morse code tutor..
Message-ID: <02c901c39f3d\$b8d62810\$65aafb40@yourjbuypagwhk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's a free Koch CW trainer....
<http://www.n2sf.com/kochcw.html>

Ron
KC0QXU
FP-682

----- Original Message -----

From: "Sergio T. Ruiz" <sergio@philway.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, October 30, 2003 11:31 AM
Subject: morse code tutor..

>
> i have been thinking about it..
>
> maybe it would be easier just to pick up one of those mfj morse tutors..
>
> before i buy a new one.. anyone have a used one they are trying to unload?
>
> thanks..
>
>
> ----
> Sergio T. Ruiz
> technology and MIS
> Philway Products, Inc.
> (419) 281-7777 x232
>

Date: Thu, 30 Oct 2003 17:34:16 -0600
From: Christopher Kovacs <ckovacs@mn.rr.com>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160384] Re: My radios broken!
Message-ID: <3FA19FF8.80900008@mn.rr.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Speaking of broken radio's...

Last night I turned on my K1 and it sounded like the local bfo was unstable. After going up and down on 40, I turned on the old drake receiver, to my delight, it was sounding the same. I never heard anything quite like that on HF before.

72,

Chris, W0ANM

Steven Weber wrote:

> Man, this is amazing. I can't even hear a single SWBC station! Only thing I
> can pick up is the local AM station, 1/2 mile away!
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>
>

Date: Thu, 30 Oct 2003 18:40:05 -0500
From: Lee Mairs <lmairs@direcway.com>
To: kd1jv@moose.ncia.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [160385] Re: My radios broken!
Message-ID: <097901c39f3f\$28b1c1c0\$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Steve -

You must have forgotten to open the radio's top so that the solar stuff would fill it up with mojo. Your radio's mojo must have all run out.

Lee

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, October 30, 2003 5:35 PM
Subject: My radios broken!

> Man, this is amazing. I can't even hear a single SWBC station! Only thing
I
> can pick up is the local AM station, 1/2 mile away!
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>
>

Date: Thu, 30 Oct 2003 16:43:51 -0700
From: Howard W7ILW <howardw7ilw@earthlink.net>
To: QRP-L <qrp-1@lehigh.edu>
Subject: [160386] Sound of Solar Storm
Message-ID: <BBC6F047.1BB30%howardw7ilw@earthlink.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

<http://www-pw.physics.uiowa.edu/space-audio/>

Howard - W7ILW - Prescott, AZ
Ex - W8FDK MP+ #7

End of QRP-L Digest 3089
